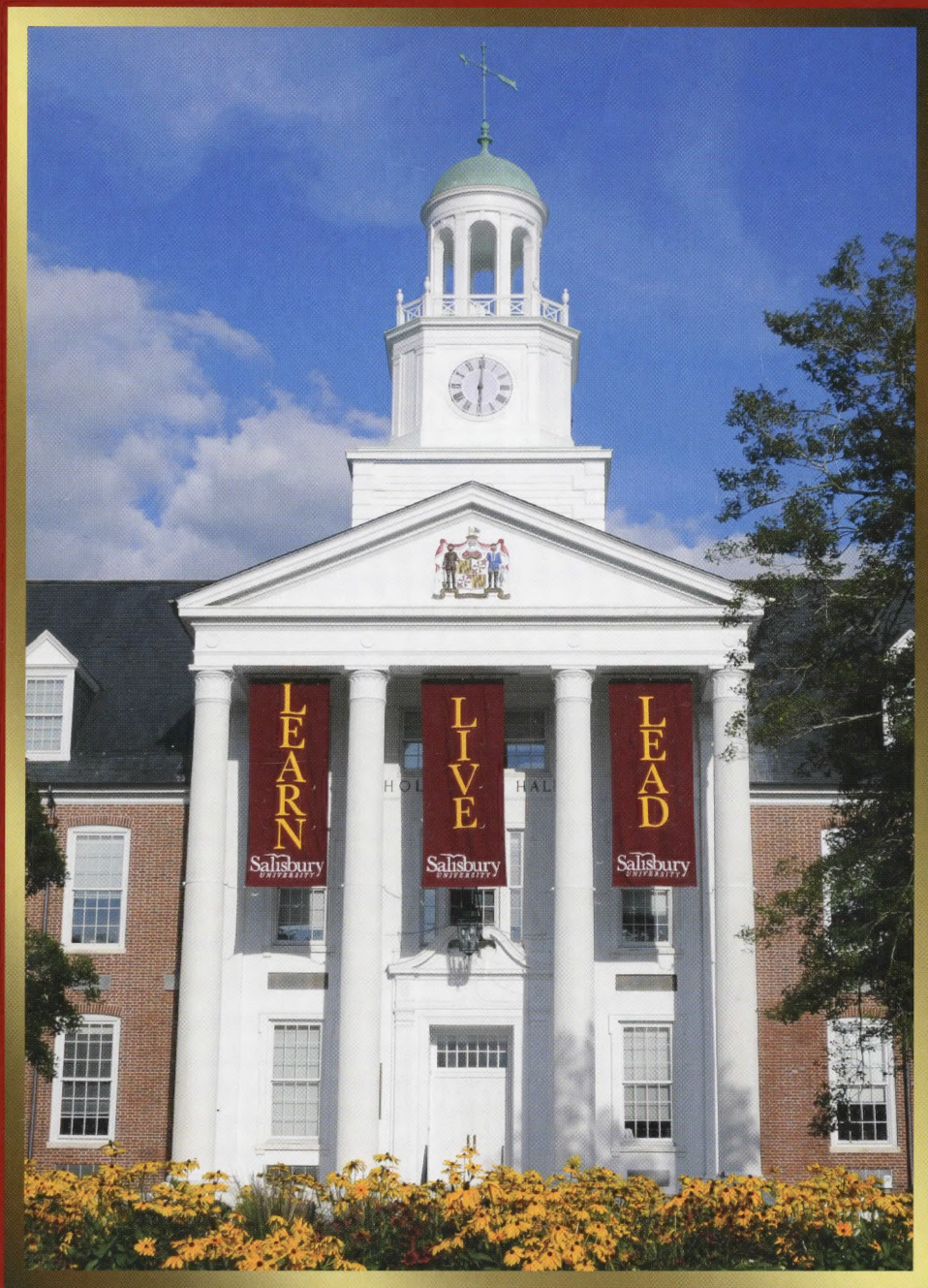


Salisbury

UNIVERSITY

A Maryland University of National Distinction



**Undergraduate & Graduate
Catalog 2016-2018**



A Maryland University of National Distinction

2016-2018

Undergraduate and Graduate Catalog

Salisbury, Maryland

www.salisbury.edu

Table of Contents

General Information	3	Charles R. and Martha N. Fulton	
Campus Map	6	School of Liberal Arts	96
The University	7	Richard A. Henson School of Science	
Undergraduate Admission	13	and Technology	138
Graduate Student Information	18	Franklin P. Perdue School of Business	172
Continuing Education	25	Samuel W. and Marilyn C. Seidel School	
University Expenses	26	of Education and Professional Studies	188
Financial Aid	29	Honors College	218
Student Life	46	Courses	223
Honors and Recognitions	52	University System of Maryland	363
Undergraduate New Student Experience	57	Administration	364
Registration and Student Records	58	Faculty	367
University Curricula	64	Emeriti	387
Undergraduate Scholastic Standards		Appendices	390
and Support Services	70	Index	398
Pre-professional Programs	75		
Military Science	76		
Undergraduate Minors	77		



Cover Photo by Kathy D. Pusey '86

General Information

www.salisbury.edu/about

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for Enrollment Management
Transcript of RecordRegistrar
Business MattersVice President of Administration
and Finance
General MattersDirector of Media Relations
Graduate AdmissionDean of Graduate Studies
and Research
Summer Sessions/Winter Term.....Registrar

Information about Salisbury University, including a colorful photo tour, is available on the University's home page at the following website: www.salisbury.edu.

Telephone Number

410-543-6000
FAX 410-677-5025
TTY 410-543-6083
1-888-543-0148

University Calendar

For the latest, visit www.salisbury.edu/calendar.

Catalog Notice

The purpose of this publication is to provide information about Salisbury University to persons who work and study at the University, to persons who may be interested in applying for admission, and to parents, teachers, counselors and the general public. THIS PUBLICATION IS NEITHER A CONTRACT NOR AN OFFER TO MAKE A CONTRACT. While every effort has been made to ensure the accuracy of the information in this publication, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided or any other subject addressed in this publication. The information in this publication is provided solely for the convenience of the reader.

All changes are implemented so that new curricular requirements will not create hardships for students who have entered under an earlier set of requirements. The *Schedule of Semester Course Offerings*, available online at www.salisbury.edu/registrar/course_schedules.html, provides the official list of University course offerings.

Family Educational Rights And Privacy Act

Under the provisions of the Family Educational Rights and Privacy Act, Salisbury University publishes student directory information without prior consent of students. Directory information includes a student's name, home address (if listed), date and place of birth, major fields of study, participation in officially recognized activities and sports, weight and height (of an athletic team member), terms of attendance, degrees and awards received, and most recent previous educational agency or institution attended, as well as a listing of officers of student organizations (including names and addresses).

Salisbury University does not sell or otherwise provide mailing lists of student information to anyone outside of the University. The Registrar's Office is responsible for compiling and disseminating directory information.

Students who want more or less than the directory information listed above to be released without prior notification or consent should contact the Registrar's Office, Holloway Hall.

Equal Opportunity Policy

Salisbury University has a strong institutional commitment to diversity, equal employment opportunities and equal educational opportunities for its faculty, staff, and students. To that end, the University prohibits discrimination on the basis of sex, gender, marital status, pregnancy, race, color, ethnicity, national origin, age, disability, genetic information, religion, sexual orientation, gender identity or expression, veteran status or other legally protected characteristics. The University adheres to the EEO/AA policies set forth by federal and Maryland laws.

SU values diversity among our students, faculty and staff and believes that interactions with those holding various perspectives, backgrounds and beliefs contribute to a well-rounded educational experience and promotes personal and professional development. Therefore, the University is committed to providing qualified individuals access to all academic and employment programs, benefits and activities on the basis of demonstrated ability, performance and merit without regard to personal factors that are irrelevant to the program involved.

The University's equal opportunity policy is essential to its institutional mission and applies to all academic programs administered by the University, its educational policies, admissions policies, scholarship and loan programs, and athletic programs. It applies to all employment decisions, including among others those affecting hiring, promotion, demotion or transfer, recruitment, advertisement of vacancies, layoff and termination, compensation and benefits, and selection for training. Consistent with its obligations under the law, it also extends to the maintenance of affirmative action programs for minorities, women, persons with disabilities and veterans.

SU assigns a high priority to the implementation of its equal opportunity policy, and the University is committed to assuring compliance with all laws prohibiting discrimination in employment and educational programs. The Office of Institutional Equity is responsible for the campus-wide administration and implementation of equal opportunity policies and affirmative action programs. Members of the University community are encouraged to contact the Office of Institutional Equity for questions, complaints or concerns about these matters.

Title IX Statement

It is the policy of SU to comply with Title IX of the Education Amendments of 1972 (Title IX), which protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. Any form of sex discrimination (which includes acts of sexual harassment, sexual assault and sexual violence) is prohibited by Title IX. Retaliation for asserting claims of sex discrimination is also prohibited under Title IX.

Pursuant to Title IX, "no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance..." Some of these programs and activities include: admissions, recruitment, financial aid, academic programs, athletics, housing and employment.

As a recipient of federal funds, SU has an obligation to operate in a nondiscriminatory manner. More important is SU's own mandate of equal opportunity, inclusiveness and nondiscrimination in employment and educational opportunities. The Office of Institutional Equity supports Salisbury University in its compliance and enforcement efforts by serving as an integral resource for Title IX issues. The Office of Institutional Equity partners with other SU departments and offices to assist in their Title IX compliance efforts.

The Office of Institutional Equity also provides assistance by serving as an entry point for Title IX complaints of discrimination. The objective of the complaint handling process is to resolve the complaint of discrimination in a fair and appropriate manner, as promptly as possible. Important components of the process include ascertaining the basis for the complaint and identifying strategies or tools for its resolution.

The Associate Vice President of Institutional Equity has been designated as the individual responsible for the campus-wide administration and implementation of SU's Title IX compliance efforts. Complaints or concerns related to Title IX can be directed to the Office of Institutional Equity.

Accreditations/Societies

Salisbury University has the following accreditations:

The University is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA, 19104, 267-284-5000. The Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Department of Education and the Council for Higher Education Accreditation (CHEA).

Two programs in the Department of Chemistry are approved by the American Chemical Society Committee on Professional Training, a specialized scientific society founded in 1876 and recognized through an Act of the U.S. Congress in 1937. The society is located at 1155 16th Street, N.W.,

Washington, DC 20036, 202-872-4589.

The program in exercise science is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), a specialized accrediting agency recognized by the CHEA. The Committee on Accreditation for the Exercise Sciences (CoAES) serve as an arm of the CAAHEP and reviews all programs seeking specialized accreditation status in exercise science. The CAAHEP is located at 1361 Park Street, Clearwater, FL 33756, 727-210-2350.

The baccalaureate program in respiratory therapy is accredited by the Commission on Accreditation for Respiratory Care (CoARC). CoARC, formerly a specialized arm of the Commission on Accreditation of Allied Health Education Programs (CAAHEP), became a freestanding accreditor of respiratory care programs as of November 12, 2009. CoARC is a specialized accrediting agency recognized by the CHEA. CoARC is located at 1248 Harwood Road, Bedford, TX 76021-4244, 817-283-2835.

The program in athletic training is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The CAATE is located at 6836 Austin Center Blvd., Suite 250, Austin, TX 78731-3193, 512-733-9700.

The social work programs are accredited by the Council on Social Work Education, a specialized accrediting agency recognized by the CHEA. The CSWE is located at 1701 Duke St., Suite 200, Alexandria, VA 22314, 703-683-8080.

The degree programs in business are accredited by the Association to Advance Collegiate Schools of Business, a specialized accrediting agency recognized by the CHEA. The AACSB-International is located at 777 South Harbour Island Boulevard, Suite 750, Tampa, FL, 33602-5730, 813-769-6500.

The program in medical laboratory science is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720, Rosemont, IL 60018, 773-714-8880.

The programs in music are accredited by the National Association of Schools of Music (NASM), 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190, 703-437-0700. NASM is a specialized accrediting agency recognized by the U.S. Department of Education.

The programs in nursing are accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, D.C. 20036, 202-463-6930, and the Maryland Board of Nursing. The CCNE is a specialized accrediting agency recognized by the U.S. Department of Education.

The programs in teacher education are accredited by the Council for the Accreditation of Educator Preparation (CAEP), 1140 19th St. NW, Suite 400, Washington, D.C., and the Maryland State Department of Education. The CAEP is the sole accrediting body for educator preparation providers and is recognized by the U.S. Department of Education and the CHEA.

Student Health Services is accredited by the Accreditation Association for Ambulatory Health Care, Inc. (AAAH), 5250 Old Orchard Rd., Suite 200, Skokie, IL 60077, 847-853-6060.

The Salisbury University Police Department is accredited by the Commission on Accreditation for Law Enforcement Agencies, Inc. (CALEA), 13575 Heathcote Blvd., Suite 320, Gainesville, VA 20155, 703-352-4225.

Designations

Salisbury University has the following designations:

Maryland State Publications Depository
Serviceman's Opportunity College
U.S. Government Selective Document Depository
American Association of Botanical Gardens and Arboreta

Memberships

Salisbury University is a member of the following organizations:

American Association for Higher Education
American Association of Colleges of Nursing
American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admissions Officers
American Association of State Colleges & Universities
American Council on Education
American Educational Research Association
Association for the Advancement of Sustainability in Higher Education
Association of American Colleges & Universities
Association to Advance Collegiate Schools of Business College Board
Council for Advancement and Support of Education
Council for Opportunity in Education
Council of Colleges of Arts and Sciences
Council on Social Work Education
EDUCAUSE
International Association of Counseling Services
National Association of Schools of Music
National Collegiate Athletics Association
National Strength and Conditioning Association
U.S. Green Building Council
Voluntary System of Accountability (VSA) College Portrait

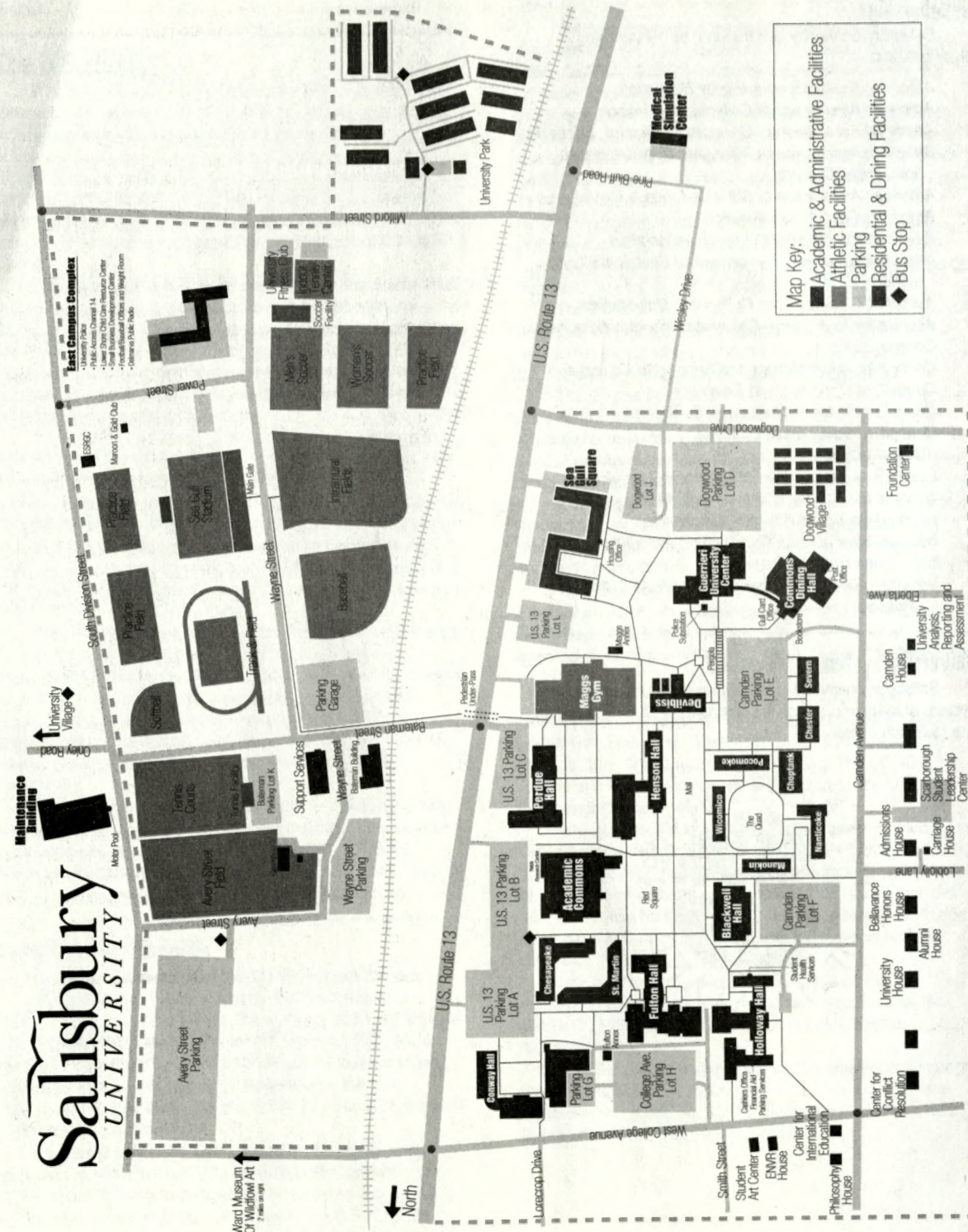
University System of Maryland

Salisbury University is a member of the University System of Maryland, which is comprised of 11 campuses and one research center.



Campus Map

www.salisbury.edu/campusmap
(PDF version also available online)



The University

www.salisbury.edu/about

Dr. Janet Dudley-Eshbach, President

MISSION

Salisbury University is a premier comprehensive Maryland public university, offering excellent, affordable education in undergraduate liberal arts, sciences, pre-professional and professional programs, including education, nursing, social work and business, and a limited number of applied graduate programs. SU's highest purpose is to empower its students with the knowledge, skills and core values that contribute to active citizenship, gainful employment and life-long learning in a democratic society and interdependent world.

Salisbury University cultivates and sustains a superior learning community where students, faculty and staff engage one another as teachers, scholars and learners, and where a commitment to excellence and an openness to a broad array of ideas and perspectives are central to all aspects of University life. SU's learning community is student-centered; thus, students and faculty interact in small classroom settings, faculty serve as academic advisors and virtually every student has an opportunity to undertake research with a faculty mentor. SU fosters an environment where individuals make choices that lead to a more successful development of social, physical, occupational, emotional and intellectual well being.

The University recruits exceptional and diverse faculty, staff, and undergraduate and graduate students from across Maryland, the United States and around the world, supporting all members of the University community as they work together to achieve the institution's goals and vision. Believing that learning and service are vital components of civic life, Salisbury University actively contributes to the local Eastern Shore community and the educational, economic, cultural and social needs of the state and nation.

VALUES

The core values of Salisbury University are excellence, student-centeredness, learning, community, civic engagement and diversity. We believe these values must be lived and experienced as integral to everyday campus life so that students make the connection between what they learn and how they live. The goals and objectives of our strategic, academic, facilities and enrollment plans, as well as our fiscal commitments, reflect our fundamental values. In addition to these principal values, the University embraces the long-honored tradition of honesty and mutual regard that is and should be a defining characteristic of higher education. The "Salisbury University Promise" is a statement of integrity and respect for others to which we ask all students to commit as a way of highlighting the University's values and expectations for our students.

Excellence: Excellence, the standard against which all University activities and outcomes are measured, connotes the perfection and the quality for which we strive and hold ourselves accountable. We accept the notion that the quality of a university depends on the heads and hearts of those in it.

Student-Centeredness: Our students are the primary reason for our existence. Our focus is on their academic and individual success and on their health and well-being. We are committed to helping students learn to make reasoned decisions and to be accountable for the outcomes of the decisions they have made.

Learning: We believe that learning is fundamental to living a life with purpose in an increasingly interrelated world and that our role is to teach students not what to think, but how to think. The University introduces students to a system of ideas about the nature of humanity, the universe, and the world created by art and thought. Through active learning, service learning, international experience and co-curricular activities, students connect research to practice, and theory to action.

Community: Salisbury University takes pride in being a caring and civil place where individuals accept their obligations to the group, learn through their interactions and relationships with others, where governance is shared, and where the focus is on the common good. We honor the heritage and traditions of the institution which serve as a foundation for future change.

Civic Engagement: The University stands as a part of, rather than apart from, the local and regional community. Recognizing its history and traditions, we seek to improve the quality of life for citizens in the region. We believe it is our responsibility to enrich cultural life, enhance the conduct of public affairs and contribute to the advancement of the region. We seek to instill in our students a lifelong commitment to civic engagement.

Diversity: Salisbury University views itself as a just community where there is respect for the value of global, societal and individual differences and commitment to equal opportunity. Diversity is purposefully cultivated as a way to strengthen and enhance our University community.

HISTORY

In 1922, the Maryland Legislature established a commission to determine a location for a two-year teachers college on the state's Eastern Shore. A site at Salisbury was selected and the institution opened in September 1925.

The college's two-year course of study was increased to three years in 1931 and to four years in 1934. Following this, and by action of the Legislature of 1935, the College was authorized to grant the Bachelor of Science.

The academic program expanded in 1947 and in 1960, offering four-year programs in arts and sciences and providing students with a Bachelor of Arts or Bachelor of Science. The University continues to meet the increasing demands of society for quality education and today offers a variety of undergraduate programs in liberal arts, sciences and in the professional fields of business, education, medical laboratory science, nursing, respiratory therapy and social work.

In 1962, the State Board of Trustees approved the offering of graduate programs, leading to the following master's degree programs: Applied Biology (M.S.), Applied Health Physiology (M.S.), Business Administration (M.B.A.), Conflict Analysis and Dispute Resolution (M.A.), Education (M.Ed.), English (M.A.), Geographic Information Systems Management (M.S.), History (M.A.), Mathematics Education (M.S.M.E.), Nursing (M.S.), Social Work (M.S.W.) and Teaching (M.A.T.). In 2012, the University was approved to offer doctoral studies, leading to the following doctoral degree programs: Doctor of Nursing Practice (D.N.P) and Doctor of Education in Contemporary Curriculum Theory and Instruction - Literacy (Ed.D).

Today, Salisbury University is a nationally accredited, four-year comprehensive university offering 58 distinct undergraduate and graduate degree programs in a friendly atmosphere that encourages close relationships between faculty and students.

LOCATION

Salisbury University is located on U.S. Route 13 at the southern edge of Salisbury, MD, which has a metropolitan population of over 90,000 and is 30 miles west of Ocean City, MD; 115 miles southeast of Baltimore, MD, and Washington, D.C.; 125 miles south of Philadelphia, PA; and 125 miles north of Norfolk, VA.

ORGANIZATION

Responsibility for the administration of the University is assigned to the president, who is appointed by the University System of Maryland Board of Regents. The president is assisted in the administration of the University by academic, advancement, business administration and student services administrators. Appointments to these positions, to other administrative offices and to the faculty and staff of the University are made by the president.

The Franklin P. Perdue School of Business, the Samuel W. and Marilyn C. Seidel School of Education and Professional Studies, the Charles R. and Martha N. Fulton School of Liberal Arts and the Richard A. Henson School of Science and Technology offer the University's curriculum. School deans, department chairs and individual faculty members report to the provost in all matters pertaining to instruction.

The Franklin P. Perdue School of Business includes the faculties of accounting and legal studies, economics and finance, information and decision sciences, and management and marketing.

The Samuel W. and Marilyn C. Seidel School of Education and Professional Studies includes the faculties of athletic training, community health, early childhood education, elementary education, exercise science, physical education and social work.

The Charles R. and Martha N. Fulton School of Liberal Arts includes the faculties of art, communication arts, conflict analysis and dispute resolution, dance, English, environmental studies, history, interdisciplinary studies, international studies, modern languages (French, German, Spanish), music, philosophy, political science, psychology, sociology, teaching English to speakers of other languages (TESOL) and theatre.

The Richard A. Henson School of Science and Technology includes the faculties of applied health physiology, biological sciences, chemistry, geography and geosciences, mathematics and computer sciences, medical laboratory science, nursing, physics and respiratory therapy.

CENTERS AND INSTITUTES

Business, Economic and Community Outreach Network (BEACON)

The Business, Economic and Community Outreach Network (BEACON) of the Franklin P. Perdue School of Business combines applied business learning experiences for SU students with sponsored research and consulting services to non-profit, private and public-sector organizations throughout the Delmarva region.

Student teams, supervised by faculty and BEACON staff, work on projects such as market research; sales and demand forecasting; strategic planning; feasibility studies; economic impact assessments; scenario analysis and planning; program and project evaluation, and business policy research. As students apply what they learn in the classroom to these projects, they gain valuable real-world experiences.

BEACON, as part of its outreach and technology transfer mandates, is also involved with a variety of intellectual property commercialization projects. Key BEACON initiatives include:

- **ShoreTrends** – tracking demographic, business, economic, workforce and community development trends throughout the Eastern Shore of Maryland.
- **GraySHORE** – preparing the region's private and public sector organizations for addressing the needs of seniors in the region.
- **Bienvenidos a Delmarva** – providing management, marketing and organizational development know-how to private- and public-sector organizations that interact frequently with the region's rapidly growing non-native-born population.

For more information, contact Dr. Memo Diriker, director of BEACON, at 410-546-6001 or beacon@salisbury.edu or visit <http://beacon.salisbury.edu>.

Center for Conflict Resolution

The Center for Conflict Resolution works in cooperation with the Conflict Analysis and Dispute Resolution Department to provide experiential learning opportunities to students in the University's academic major, minor and master's in conflict analysis and dispute resolution. Students take practicum and internships through the center at locations both on and off campus. The center also provides support and use of its facilities to the Conflict Resolution Club. In addition, the center has a research and evaluation wing that has received national recognition. The practice wing is composed of nationally recognized experts who work with center staff on large-scale conflict interventions worldwide. The center provides the

Salisbury community with free or low-cost mediation services and trainings in conflict resolution skills.

Eastern Shore Regional GIS Cooperative

The Eastern Shore Regional GIS Cooperative (ESRGC) is an organization that seeks to provide access to geographic information system (GIS) technology, data, technical support and training to the local governments of Maryland's Eastern Shore. Housed at Salisbury University, the ESRGC is a joint effort between the Mid-Shore Regional Council, the Tri-County Council of the Lower Eastern Shore of Maryland and SU. Learn more at www.esrgc.org.

Richard A. Henson Medical Simulation Center

The Henson Medical Simulation Center, located on Pine Bluff Road, is continually evolving as a state-of-the-science education center, allowing health professions students to practice clinical decision-making skills using high-fidelity mannequins driven by computerized scenario-based software simulating birth, infants who are healthy and ill, complications of prematurity, and children and adults with various disease states and injuries. Sophisticated computer software manipulates the mannequin in real-time, resulting in a mannequin that responds just as a human would. In encounters with standardized patients (trained actors), students refine their communication skills and ability to effectively manage the care of people with mental health disorders. Video and sound of interactions with medical simulators or standardized patients are digitally captured for later review and critique by students and faculty. Additionally, students work with the latest healthcare equipment and documentation and data retrieval from electronic medical records, all of which prepare them for a smooth transition to live clinical care. The Henson Medical Simulation Center will also support revenue-generating development opportunities for regional health professionals and provide revenue-generating human performance services to local citizens.

Nabb Research Center for Delmarva History and Culture

The Edward H. Nabb Research Center for Delmarva History and Culture, formed in 1982 and endowed by Cambridge, MD, attorney and philanthropist Edward H. Nabb in 1998, is dedicated to preserving the uniqueness of the history and culture of the Delmarva Peninsula. Each semester professors in the Communication Arts, English, Geography and Geosciences, History, and Teacher Education departments provide courses which train students in the use of primary resources such as wills, inventories, patents and deeds, private papers, letters, diaries, business records, maps, artifacts, oral histories and folklore studies located at the center. It is a repository for documents and artifacts pertaining to the Delmarva Peninsula and acts as a liaison between the University and the Lower Eastern Shore region. The center serves the Delmarva community at large, as well as family and local history researchers from across the nation, professional business people including lawyers, surveyors and journalists, students and scholars researching material for doctoral dissertations, master's degree theses, school projects and private publications. The Nabb Research Center is located in the Guerrieri Academic Commons and is open following the school calendar. Visit www.salisbury.edu/nabb for more information about the center.

PACE

The Institute for Public Affairs and Civic Engagement (PACE) plays a major role in the University's efforts to carry out a key tenet of our mission statement: "our highest purpose is to empower students with knowledge, skills and core values that contribute to lifelong learning and active citizenship in a democratic society. Launched with a generous grant from the Grayce B. Kerr Fund in 1999, PACE is a non-partisan institute committed to citizenship education, supporting academic learning about politics and policy while connecting students with experiential learning opportunities in government, non-profits and public groups. Internship opportunities include an outstanding program in the Political Science Department that places interns in the Maryland General Assembly every spring. Through PACE, students take up the responsibilities of citizenship by engaging with issues of public concern, learning to discuss and debate issues in a responsible and civil way, and practicing democracy by voting. With support from PACE, faculty members from across the campus teach civic engagement in academic disciplines across the arts, humanities, social sciences and sciences, as well as in pre-professional programs, helping students to connect the contemplative with the active life. PACE works successfully with the Student Affairs Division to register students living on campus to vote, and it organizes events for the campus and broader communities aimed at illuminating issues that come before voters, including candidate debates, lectures and workshops focusing on the political process and issues of common public interest.

Small Business Development Center

The Small Business Development Center (SBDC) is a joint federal (Small Business Administration) and state program and is part of a national network of centers. The SBDC-Eastern Region is an outreach program of the Franklin P. Perdue School of Business, serving as a link between the University and the business community. It provides cost-free expert counseling, technical assistance and low-cost training to existing small businesses and individuals interested in starting a new business. The SBDC-Eastern Region serves all eight counties of Maryland's Eastern Shore and helps hundreds of entrepreneurs annually through its offices in Wye Mills, Cambridge and Salisbury.

ALUMNI ASSOCIATION

The Alumni Association maintains ties with 41,000 alumni in all 50 states and several foreign countries. Many of these alumni are energetic supporters of the University through the association.

The association's objectives are to develop and foster an abiding loyalty for Salisbury University, to promote a professional and ethical spirit that will characterize SU's alumni, to encourage participation in all activities that pertain to the betterment and growth of the University, and to unite Salisbury graduates and undergraduates.

The Office of Alumni Relations and Annual Giving serves as a liaison between the association, the University and alumni. For information, call 410-543-6042 (toll free at 888-729-2586) or visit <http://alumni.salisbury.edu>.

FACILITIES

The **Admissions House**, on the corner of Camden Avenue and Loblolly Lane, contains administrative offices and meeting rooms for the Office of Admissions staff. Admissions Information Sessions are offered at 9:30 a.m. and 1:30 p.m. Monday-Friday preceding a 10 a.m. or 2 p.m. campus tour.

The **Alumni House**, on Camden Avenue opposite the Holloway Hall entrance, serves alumni gatherings and houses the offices of Alumni Relations and Annual Giving.

Outdoor Athletics Facilities include a multi-use stadium; varsity fields for baseball, field hockey, football, lacrosse, soccer and softball; practice fields; an all-weather, 400-meter track; lighted intramural fields; two sand volleyball courts; and 12 tennis courts featuring plexi-pave surfaces with six lighted for night play. The baseball diamond features an AstroTurf infield, the only one in the state.

The **Bateman Street Building (B1)** is located on Bateman Street across from the Wayne Street Parking Garage. It houses the Information Technology Office, Event Services and Sports Information Office.

The **Bellavance Honors Center**, on the corner of Camden Avenue and Loblolly Lane, has offices, classrooms and social gathering areas for students enrolled in the Honors College and Thomas E. Bellavance Honors Program.

Camden House, located at 1212 Camden Avenue, houses three of SU's outreach groups: ShoreCorps/PALS, an AmeriCorps program and the Horticulture Office.

The **Center for Conflict Resolution**, located on the southwest corner of Camden and College avenues, provides the University and the community with conflict resolution services and training. The center works with individuals and groups in conflict to build creative and self-sustaining solutions.

The center also houses the University's academic major and minor in conflict analysis and dispute resolution and acts as a clinic where students take classes, workshop and training in conflict analysis and dispute resolution. Students take practicum and internships through the center at locations both on- and off-campus. The center houses the student-run Campus Mediation Center that provides conflict resolution service to the student body. The center also provides support and use of its facilities to the Conflict Resolution Club.

In addition, the center has a research and evaluation wing that has received national recognition. The practice wing is composed of nationally recognized experts who work with center staff on large scale conflict interventions worldwide. The center has a private resource collection named the Bosserman Library that contains materials on social justice, peace studies and conflict resolution.

The **Center for Integrated Media (IMC)** is located in Conway Hall. The IMC is a 30,000 square foot media complex, including a professional level high definition video studio/control room; an instructional standard definition video studio/control room; an audio recording studio; five audio editing suites; and 15 video editing suites. The IMC has facilities for electronic music composition and two multi-media instructional computer labs. The IMC supports both PC and Macintosh platforms.

The **Center for International Education**, located at the corner of College and Camden avenues, houses the Center for International Education, which provides study abroad opportunities for students, the English Language Institute, and the International Student and Scholar Services Office.

The **Commons** is located on the east side of the campus with a walking link directly connecting it to the Guerrieri

University Center. The Commons is home to the main dining hall on campus, featuring the Marketplace food court and the Bistro, serving a buffet-style lunch and dinner. This beautiful building also houses the bookstore, the Gull Card Office, Facilities Reservations, Conference Services and the campus post office.

Computer Labs: The campus operates several computer labs for general use, instruction, educational methods and multi-media development. Labs are located in Conway Hall, Devilbliss Hall, Fulton Hall, Guerrieri Academic Commons, Henson Science Hall and Perdue Hall. The University operates both PC and Macintosh labs.

Conway Hall houses the Seidel School of Education and Professional Studies, including Social Work and Communication Arts departments. The facility contains faculty and staff offices, classrooms, class labs, teaching methods labs, a multi-media center, an electronic gallery, computer labs, photography lab, a café and the May Literacy Center.

Devilbliss Hall is located at the south end of the campus mall. It houses the departments of Nursing and Health Sciences, and it serves as a general purpose classroom and office building. In addition to 44 faculty and staff offices, the building has 17 classrooms and nine laboratories. Special features in this building are a theatre-lecture hall seating 184 and a 2,000 square-foot greenhouse.

The **Division Street Building (D1)** is located at the corner of Power and South Division streets. It houses the Eastern Shore Regional GIS Cooperative (ESRGC).

The **East Campus Complex**, located by the athletics fields on the east campus, houses University Police, the Lower Shore Child Care Resource Center, the Small Business Development Center, the Wellness Center, and the offices and training rooms for the SU football and baseball teams.

The **Environmental Studies House** is home to the Environmental Studies Department.

The **Foundation Center**, on the corner of Camden and Dogwood avenues, is home to the Salisbury University Foundation, Inc. and the Office of University Advancement staff. The home's historical presence dates to the founding of SU. The structure is comprised of a conference room, social room and numerous office and entertaining spaces.

Fulton Hall, located at the north end of the campus mall, contains a black box theatre; a photography studio and darkrooms; ceramics, drawing, graphic design, painting and sculpture studios; the faculty offices for the Art, Communication Arts, and Music, Theatre and Dance departments; an electronic piano room; practice and listening rooms for music students and orchestra; and choral rehearsal rooms. The departments of Sociology and Political Science, the dean's office, general purpose classrooms, a lecture hall, the University Gallery and Delmarva Public Radio also are located in Fulton Hall.

The SU Art **Galleries** extend the University's cultural commitment to the community. The University Gallery (Fulton Hall) and Downtown Campus (The Gallery Building, West Main Street) comprise a regional, membership-supported free arts resource.

The **Grounds Building and Greenhouse** are where seasonal planting materials are grown for use around campus and at special events.

The Patricia R. **Guerrieri Academic Commons** library facility contains several specialized academic programs, including the Writing Center, Center for Student Achievement and Mathematics and Computer Science Tutoring Program. It is also home to the Graduate Commons, the Office for Instructional Design and Delivery, the IT HelpDesk, and Nabb

Research Center for Delmarva History and Culture. A two-story cyber-café provides dining as well as 24-hour study space. The Samuel R. Brown Carillon features 48 bells with a keyboard for live performances, as well as an automated player for daily chimes and music.

The **Guerrieri University Center** facilities include lounges; meeting rooms; Career Services; Disability Support Services; Guerrieri University Center Office; Guerrieri University Center Information Desk; Commuter Connections; Off-Campus Housing Services; Multicultural Student Services; Spirituality Center and Meditation Room; Office of New Student Experience; Parent Programs; Office of Student Activities, Organizations and Leadership; Counseling Center; Vice President of Student Affairs Office; student radio station WXSU; student newspaper *The Flyer*; Cool Beans Cyber Café, ECZ Subs/Gull's Nest; a game room and vending area. An automated teller machine (ATM) is conveniently located in the hallway near the north entrance.

Henson Science Hall is located next to Perdue Hall, just north of Maggs Physical Activities Center. It houses the Henson School Dean's Office and the departments of Biological Sciences, Chemistry, Geography and Geosciences, Mathematics and Computer Science, and Physics. In addition to 89 offices for faculty and staff, it contains 13 lecture rooms, 32 teaching laboratories and 20 faculty/student research labs. This entire facility contains state-of-the-art teaching technologies and scientific equipment. Special features in this building include the 48-seat Geographical Information System (GIS) teaching laboratory and the Nuclear Magnetic Resonance (NMR) laboratory.

Holloway Hall, the first structure built on campus and currently the administrative office building of the University, contains mostly administrative and faculty offices, the Copy Center, Human Resources, Institutional Equity, Registrar, Veteran Affairs, Cashier, Financial Aid, Publications, Public Relations and PACE offices. Holloway Hall also houses Student Health Services, a modern 713-seat auditorium, classrooms, the Social Room and the Great Hall.

The **Indoor Tennis Center**, located on Milford Street near the East Campus Complex, includes three tennis courts, lobby area, pro shop, showers and locker rooms. Recreational play, varsity team use, membership times and organized league play are available seven days a week throughout the year.

The **International Faculty House**, at 1106 Camden Avenue across from Holloway Hall, provides a temporary residence for visiting faculty.

Maggs Physical Activities Center includes a large arena, swimming pool, dance studio, fitness room, strength room, classrooms, offices, large multipurpose gymnasium, three racquetball courts, varsity and intramural locker rooms, Athletic Training Clinic, equipment room, and reception area.

The **Maintenance Building** houses the Physical Plant Office, Facilities Planning and Capital Projects Office, and Campus Sustainability and Environmental Safety Office. The facility includes administrative offices; building trades office; housekeeping office; motor pool office; and maintenance shops for grounds mechanics, motor pool mechanics, electricians, plumbers, painters, carpenters and HVAC technicians.

The Edward H. **Nabb Research Center for Delmarva History and Culture**, located in the Guerrieri Academic Commons, is a repository for documents and artifacts pertaining to the Delmarva Peninsula. The center serves the University, the Delmarva community at large, as well as family and local history researchers, professional business people and scholars from across the nation.

Perdue Hall is the home of the Franklin P. Perdue School

of Business. The building also houses the Franklin P. Perdue Museum of Business and Entrepreneurship and Mr. Arthur's Cafe. The building has four specialty labs; the Moyle Market Research Lab, the Judkins Family Financial Research Lab, the Advanced Information Systems Lab and the Enterprise Systems Lab. In addition, Perdue Hall has a 209-seat auditorium, three collaborative classrooms and other general-use classrooms. The building also houses 17 team study rooms and an atrium lobby gathering area. Perdue Hall is home to BEACON (Business, Economic and Community Outreach Network) and home to the following programs: Bienvenidos a Delmarva, Shore Transit and Shore Trends.

The **Philosophy House**, adjacent to campus on Camden Avenue, is home to the Philosophy Department, a small philosophy library, and classroom and study areas.

The **Police Substation** is used as a satellite operation to provide University Police with a presence on the Main Campus.

Residence Halls offer students a variety of living environments and lifestyle options. The Quad traditional residence halls feature suite-style living that also includes Living Learning Communities. The High-Rise residence halls feature cluster-style living, including shared bathrooms for up to 10 people. Both Quad and High-Rise residence halls are coed. Upperclassmen living locations include Chesapeake Hall, an apartment-style facility; St. Martin's Hall, a suite-style hall; and Dogwood Village, a modular housing complex, consisting of 14 buildings, each housing 10 students in single rooms. All residence Halls feature study lounges, media spaces, wireless Internet, as well as laundry and vending facilities.

The **Scarborough Student Leadership Center**, located on Camden Avenue south of the Admissions House, dedicated in 2001, is a center for teaching skills in leadership, citizenship and civic engagement among social and honorary Greek organizations. Numerous conference rooms, a ritual room, a leadership library, organizational offices and other offices make up this one-of-a-kind structure. The Scarborough Center is the first freestanding program of its kind in the nation.

Sea Gull Square is a mixed-use facility that houses 600 students and also includes a variety of retail spaces. Approximately 150 four-bedroom apartments provide residents fully furnished units, including all furniture, full kitchens, and washer and dryer units. Public spaces include a gym with both cardiovascular and strength-building equipment, a multipurpose classroom, and quiet study space. Additionally, each floor features a lounge for study space.

Sea Gull Stadium hosts field hockey, football, and men's and women's lacrosse games. Features of the facility include a retail shop selling SU gear and souvenirs, a concession stand, ticket office, public restrooms, an athletic training clinic, a classroom, VIP seating areas with five covered suites and a press box. The stadium has bleacher seating for nearly 5,000, some 2,800 on the home team side.

The **Support Services Building**, located at 119 Bateman Street, at the intersection of Bateman and Wayne streets, 100 yards east of the SU pedestrian underpass beneath Route 13, houses Central Stores Supplies, University Shipping and Receiving, Courier Services, Physical Inventory Control (PIC) Team, and Surplus Inventory Management Services.

The **Student Art Center**, adjacent to campus on College Avenue, is home to the student art gallery and five art faculty offices. Exhibitions are scheduled throughout fall and spring semesters. Exhibits will feature works done in freshman art classes, B.F.A. student works, guest exhibitions and lectures about their work. The center also hosts community art meetings.

The **University Analysis, Reporting and Assessment House**, situated at 1214 Camden Avenue across from

Nanticoke Hall, houses the University Analysis, Reporting and Assessment Office.

The **University Fitness Club** is located next to the Tennis Center on Milford Street. The University Fitness Club is home to four racquetball courts, a group fitness studio, a weight room, two cardiovascular rooms, a cycling studio and a Nautilus training room.

The **University House** is situated on a 4 1/2-acre expanse, linked to the Alumni House and Bellavance Honors Center, opposite the Holloway Hall entrance.

The **Visitor Station** is located at the Holloway Hall entrance from Camden Avenue. It serves as both an information station and a security check point for visitors.

The **Ward Museum of Wildfowl Art**, located south of the campus at 909 South Schumaker Drive, is home to the world's most comprehensive collection of wildfowl carving. Named for brothers Lem and Steve Ward of Crisfield, MD, whose skill and vision elevated decoy carving to fine art, the museum works to promote, preserve and perpetuate wildfowl art.

The **Wayne Street Garage** is a four level parking garage located on the corner of Wayne and Bateman streets with space available for 821 vehicles.

Undergraduate Admission

www.salisbury.edu/admissions

For information on graduate admission refer to the Graduate Student Information section of this catalog, Page 18.

GENERAL INFORMATION

Salisbury University invites applications from all who are interested in pursuing programs in 42 majors leading to undergraduate degrees. Qualification for admission is determined without regard to race, color, religion, national origin or gender. Students who matriculate following acceptance assume responsibility for upholding the standards and traditions of the University and adhering to its regulations.

Campus Visits

The campus visit is one of the most important parts of the admissions process. Go to www.salisbury.edu/admissions/visit to select from the visit options provided. The Admissions Office provides information sessions/campus tours every Monday through Friday at 9:30 a.m. and 1:30 p.m., except holidays when the University is closed. Most visits originate from the Admissions House, 1200 Camden Avenue, but visit the admissions website for program details.

In addition to weekday visits, there are several Saturday open houses and information sessions held each semester. For more information about our visit schedules, access the website at www.salisbury.edu/admissions/visit.

Students are encouraged to register online in advance for visit programs.

APPLICATION REQUIREMENTS AND PROCEDURES

Admission requirements set forth in the following sections are minimum requirements that may be subject to change after the *Undergraduate/Graduate Catalog* has been printed. In such cases, changes in admissions policy will be publicized online. Additional admissions policies details are available on the Office of Admissions website.

Application Forms

Applications for admission, catalogs and other information regarding the University may be viewed on the University's website at www.salisbury.edu/admissions. Applicants should file their forms via the website.

Application Fee

A \$50 non-refundable application fee is required with each application.

Freshman Admission Options

Salisbury University has four admissions plans under which freshman applicants are considered:

Early Decision is an opportunity for students to receive maximum admissions consideration by indicating that Salisbury University is the student's first choice institution.

Students applying through Early Decision sign an agreement indicating that if they are accepted at SU they will withdraw applications to other colleges and enroll at Salisbury University. Students receive full consideration for all scholarship opportunities. Students applying through Early Decision should submit application materials by November 15 and will receive admissions notification by December 15. Successful applicants are required to submit a non-refundable admission deposit and registration fee of \$300 by January 15.

Early Action decisions are made by January 15 and a nonrefundable \$300 deposit and registration fee is required by May 1 for freshmen. Early Action is considered non-binding.

Regular Admission is available for students who apply for admission by a recommended deadline of January 15. Candidates are notified of the admission decision by March 15 and those who are admitted have until May 1 to confirm their space in the class by submitting a nonrefundable \$300 deposit and registration fee. Applications received after the deadline will be considered on a space-available basis.

Early Admission is an admission option for academically talented high school students. Students who have completed the junior year of high school may be considered for acceptance into the regular University program provided they present evidence of outstanding academic achievement, a positive recommendation from the high school and a certification of eligibility for a high school diploma under the early admission program.

Test Optional Policy

For applicants who have earned a weighted cumulative grade point average of 3.50 or higher on a 4.0 scale, submission of standardized test scores is optional. Admission for test-optional applicants is equally competitive. Applying under the test optional program does not guarantee admission. A student may apply test optional for any of the four freshman admissions options. Students whose applications may benefit from consideration under the test optional policy or who apply test optional but whose scores may make them more competitive for admission and scholarship will be considered accordingly. All applicants, regardless of Test-Optional status, should still submit standardized test scores for scholarship consideration.

For High School Graduates

The admissions review process considers the qualifications of all applicants in a holistic manner. The students' high school curriculum, performance in academic coursework and on ACT and/or SAT where applicable, essay, recommendations, leadership experience, community service, talents, extracurricular activities and the ability to contribute to the diverse academic community at Salisbury University are many of the qualifications considered for admission.

Admission to Salisbury University is granted on a competitive basis to those applicants whose academic qualifications give promise of success in college. The evaluation of the applicant's chances for academic success is the responsibility of the Admissions Office, which foremost considers the applicant's academic record. Leadership qualities, community service, artistic talent, athletic talent and diversity of background,

including cultural, experiential and geographic, are additional factors used in the holistic review of each applicant

Students planning to enter college are encouraged to complete the college preparatory curriculum in high school. Within the college preparatory curriculum, a student should have met the following minimum requirements for admission: four credits in English; three credits in the social sciences; two credits in laboratory-based sciences; four credits in mathematics, which must include Algebra I, Geometry and Algebra II (students who complete Algebra II prior to their final year must complete the four-year mathematics requirement by taking a course that utilizes non-trivial algebra); and two years in a world language or technology-approved credit. Preference is given to students completing advanced-level coursework such as Advanced Placement, International Baccalaureate or honors courses.

Applicants who wish to be considered for scholarships are urged to take the ACT or SAT no later than the fall testing date. Details concerning the ACT or SAT may be obtained at www.act.org or www.sat.org. All standardized test results must be officially forwarded to Salisbury University from the respective testing centers or your high school guidance office. The ACT code number is 1716 for Salisbury University and the ETS code is 5403. For students submitting both ACT and SAT, SU will utilize the highest score from either test that will give the applicant the greatest opportunity for admission, unless the student requests that only one set of scores be considered. Other scores from either test will be disregarded and not counted against applicants in the admissions process.

Application Deadlines

Recommended filing deadlines for fall regular admission are January 15 for freshman, March 1 for transfer students, and December 1 for second degree bachelor's nursing students. Apply online at www.salisbury.edu/apply.

Students applying for spring semester should submit applications by November 15, and they will be notified of the decision of the applications on a rolling admissions basis, provided their files are complete. The University reserves the right to close admissions when the projected enrollment is met.

Freshman students are required to reside on campus for their first two years unless granted exemption by the Housing and Residence Life Office. Students must complete a housing contract when they pay their admissions deposit and registration fee. The \$300 non-refundable deposit and registration fee covers both admissions and housing. Freshman students entering for the spring semester are required to live on campus for three semesters unless granted an exemption. Some students applying for fall admission will be offered admission to the spring semester instead. Freshman students admitted to the University for the spring semester are not permitted to take non-degree courses at Salisbury University the fall. Applicants must be admitted and must have completed the Free Application for Federal Student Aid (FAFSA) to be considered for financial aid. The FAFSA is available beginning October 1 for the following academic year (SU FAFSA code - 002091).

Academic Scholarships

Each fall over six million dollars in academic scholarships are awarded through the University. The admissions application automatically qualifies students for consideration for these academic scholarships; however, submission of the Free Application to Federal Student Aid (FAFSA) would allow consideration for any academic scholarships that also require financial need.

Based on the academic qualifications within the applicant group for any given year, the applicants who may qualify for scholarship awards will vary. As a standard the most meritorious students, as defined by a combination of highest grade point average and most competitive standardized test scores, are presented scholarship awards.

Some academic scholarships are based on particular majors and other special criteria. See a complete listing of available scholarships and corresponding criteria in the "Undergraduate Scholarships" section of the Financial Aid chapter of this catalog.

Social Security Number

All students are asked to submit their Social Security number. The Social Security number is used as a resource to identify the student for administrative and financial records.

Students' disclosure of their Social Security number is voluntary. The student Social Security number is only released to agencies or individuals outside the University at the request of the student or in accordance with federal and state requirements in regard to financial aid awards, Internal Revenue Services for student employee salary reporting and state comptroller's debt collection procedures.

For Non-High School Graduates

Applicants who are not high school graduates may qualify for admission by earning competitive grades on the High School Equivalency Examinations administered by the State Department of Education and by receiving the high school equivalency diploma. The applicant should contact the local board of education to make arrangements to take the examinations.

Admission of International Students

International students who demonstrate appropriate academic ability and proficiency in the English language may be offered admission. Applicants must have the following documentation submitted directly to the SU Office of Admissions by March 1 for fall admission or November 15 for spring admission:

1. an admissions application, which includes financial declaration;
2. professional course-by-course evaluation of all foreign academic transcripts. This professional evaluation determines the student's academic level within the American educational system. Prospective students are required to pay the cost associated with the evaluation (approx. \$100-\$150). World Education Services, Inc. (www.wes.org) is the preferred credential service; and
3. for applicants whose native language is other than English, the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) must be taken and official results submitted to the Admissions Office. A minimum TOEFL score of 550 on the written exam or 79 on the Internet-based exam is required. TOEFL information may be obtained by contacting: TOEFL, P.O. Box 6151, Princeton, NJ 08541-6151, USA, or on the Web at www.toefl.org. A minimum IELTS score of 6.5 is required. IELTS information may be obtained by contacting: IELTS International, 100 E. Corson St., Suite 200, Pasadena, CA 91101, USA, or on the Web at www.ielts.org. The English language proficiency requirement may be satisfied by alternative evidence. Please contact the Admissions Office for details.

Another option for international students is the English

Language Institute (ELI) at Salisbury University, which offers a high-quality, comprehensive, intensive program in the English language for non-native speakers. This program provides English language instruction on all levels, preparation for international students seeking entrance to an American university and academic support for students who wish to fully enroll in degree-seeking programs at SU. It also facilitates participants' successful cultural adjustment to the classroom, as well as to the general environment of an American college. SU has a strong institutional commitment to inclusiveness, excellence and diversity that is manifested in the ELI. For more information, visit www.salisbury.edu/intled/eli.

International students must be admitted before the immigration document (I-20) will be provided. Salisbury University is authorized under federal law to enroll non-immigrant alien students.

English Language Proficiency

Any student applying for admission whose native language is other than English will be required to demonstrate English proficiency. This requirement may be met through standardized testing or completion of English coursework at the high school or college level. Contact the Admissions Office for additional details.

For Veterans

Veterans and dependents of veterans who are eligible for veterans educational benefits and who have a high school diploma or equivalency may be admitted to Salisbury University if they demonstrate evidence of academic success as determined by the Office of Admission. Veterans who have attended other colleges since their discharge are not included in this policy and should seek admission through the normal transfer process.

In addition to high school or college transcripts, each veteran must submit a Certificate of Eligibility to the Registrar's Office along with a Request for Certification for Educational Benefits found at www.salisbury.edu/registrar/veterans. Since it generally takes 60 days or more to clear a Veterans Administration (VA) application, applicants are encouraged to contact their nearest VA office within sufficient time prior to registration at SU. Initial contact for implementation of benefits should be directed to the SU Registrar's "One Door" Veterans Services Office. For more information contact vabenefits@salisbury.edu.

For Nontraditional Students

Admission to Salisbury University is granted to those applicants whose academic qualifications give promise of success in college. The evaluation of the applicant's chances for academic success is the responsibility of the Admissions Office, which foremost considers the applicant's academic record. SAT or ACT scores are not required for those students who graduated from high school more than three years before their application to the University. Students who are unsure of their readiness for college work are encouraged to begin their studies at a community college.

For Transfer Students

Students with acceptable records may be admitted from other regionally accredited (Middle States Association of Colleges and Schools, Northwest Association of Colleges and Schools, North Central Association of Colleges and Schools,

New England Association of Colleges and Schools, Southern Association of Colleges and Schools and Western Association of Schools and Colleges) collegiate institutions with requirements similar to those of Salisbury University. Transfer students are encouraged to submit their application online at www.salisbury.edu/apply. Minimum requirements for transfer admission include:

1. Have a cumulative GPA of 2.0 or higher on a 4.0 scale; for students who have attended more than one institution, a cumulative average from all previous college work attempted at regionally accredited community colleges and four-year institutions attended will be computed.
2. Have earned a minimum of 24 transferable semester hours of college-level credit from a regionally accredited community college or four-year college or university. Contractual admission is extended to individuals who have completed 12-23 semester hours of transferable coursework and earned a 2.5 minimum cumulative average.
 - **Fall** applicants receiving a contractual admission must earn 24 transferable credits by the completion of the previous spring term and at least a 2.0 cumulative GPA.
 - **Spring** applicants receiving a contractual admission must earn 24 transferable credits by the completion of the previous fall term and at least a 2.0 cumulative GPA.

3. Have left the last institution of attendance in good academic standing and with a clear disciplinary record.

Admission for transfer students is on a space-available basis. In some semesters, admission may be more competitive with preference given to students with stronger credentials. The University's competitive admission policy for entering freshmen will apply to transfer students who have completed fewer than 24 semester hours of transferable credit and earned a 2.0 GPA at another institution. Regardless of college credits earned, a high school student who has graduated the academic year prior to his or her enrollment at SU will be considered a freshman by the Office of Admissions for housing purposes. Changes made to a student's status from a freshman to a transfer will be made on a case-by-case basis by the Office of Admissions and Housing and Residence Life.

Coursework completed at SU as a non-degree student will not contribute to the 2.0 GPA and 24 credit hour transfer admission requirement. Students denied admission may not enroll as a non-degree. Students denied admission because space was not available for one semester but offered admission for the next semester may not enroll as a non-degree student.

Transfer students from accredited colleges enrolled in transfer programs will receive credit for the college-level work they have completed, with few exceptions. College Level Examination Program (CLEP) credit will be evaluated based on individual scores. Evaluations of students' previous coursework will be forwarded to them within several weeks of their admission. After being admitted to the University, students will receive an evaluation of transfer credit.

► General Transfer Policies

1. Transfer credits are evaluated in accordance with the Maryland Higher Education Commission regulations on General Education and transfer. Such credits may generally be applied to the 120 hours (minimum) of credit required for graduation and, if approved by the appropriate department, may count toward requirements in a major at Salisbury University.
2. A student attending Salisbury University in any regular fall or spring semester must complete all forms and have official transcripts of all prior work from other institutions sent to the

SU Admissions Office prior to preregistration at mid-semester. Students whose documentation is not complete will not be allowed to register for classes for the subsequent semester.

3. Grades do not transfer; the grade point average for a transfer student is computed only on the basis of coursework completed at SU. Once a course is taken at Salisbury University, the SU grade point average is not affected by repeating the course at another institution. Grades of transfer courses will be calculated for admission to specific academic programs that require a particular grade point average. However, credit earned while a student is enrolled in recognized cooperative programs with other Maryland state colleges and universities will be accepted as credit earned at Salisbury University. Coursework and grades earned will be applied toward graduation requirements at SU and these grades will be counted in the SU grade point average.
4. Credits earned in or transferred from a community college will be limited to 64 credits with the exception of special articulation agreements. These hours may only be applied to credit at the 100 or 200 level.
5. To be eligible for the baccalaureate degree from Salisbury University, students must earn at least 30 of the final 37 hours of credit from SU. Students enrolled in officially recognized cooperative institutions may include coursework taken at that institution within their final 30 hours at the University. Students completing their course requirements through an approved study abroad program are exempt from this policy.
6. Prospective and newly admitted students may contact the Admissions Office concerning the preliminary evaluation of transfer credit. After matriculation and orientation, students may direct their questions to the Office of the Registrar through the online request form. Once a determination is made, students may appeal the Registrar's Office evaluation to the Office of Academic Affairs within the academic year in which the evaluations were made.

► Course-by-Course Evaluation of Transfer Credit

Most students will have their transfer credit from each institution attended evaluated separately on a course-by-course basis. Students transferring under specific transfer agreements such as the AAT should refer to their academic department for specific transfer policies.

Detailed information concerning recommended transfer programs may be obtained by accessing SU's website regarding transfer students. Courses a transferring student plans to apply toward a degree at Salisbury University are evaluated in one of the following four categories:

1. Approved for General Education credit
2. Approved for lower-level credit
3. Approved for upper-level credit
4. Not approved for transfer credit

All courses approved for transfer credit will be listed as specific courses, as General Education or as elective credit at Salisbury University. In order for any of these courses to qualify for upper-level credit at SU, they must be taught at the upper level both at SU and at the sending institution. All lower-level courses from the sending institution, all courses from community colleges and all courses which are upper level at the sending institution but which are lower level at Salisbury University will be evaluated as lower-level courses. Some transferred courses, either upper level or lower level, may be used to satisfy requirements in particular majors. Each department determines its own policies in this matter and evaluates each student's record on a course-by-course basis.

Any fieldwork experience, internship or practicum from a two-year institution not under the direct supervision of

Salisbury University is not considered transferable.

While most courses from other regionally accredited institutions (Middle States Association of Colleges and Schools, Northwest Association of Colleges and Schools, North Central Association of Colleges and Schools, New England Association of Colleges and Schools, Southern Association of Colleges and Schools and Western Association of Schools and Colleges) are applicable to a degree at Salisbury University, courses the University views as not academic in nature and which are not compatible with existing programs may not be transferred to the University and applied toward degrees.

For Former SU Students

► Readmission

Matriculated students who do not enroll at the University during a regular fall or spring semester must apply for readmission through the Registrar's Office. Students who have been academically dismissed may only apply for readmission once they have met the minimum criteria as outlined in the dismissal and readmission policies. Students must declare a major at the time of readmission.

Students who have attended other regionally accredited institutions (Middle States Association of Colleges and Schools, Northwest Association of Colleges and Schools, North Central Association of Colleges and Schools, New England Association of Colleges and Schools, Southern Association of Colleges and Schools and Western Association of Schools and Colleges) since leaving Salisbury University must arrange to have official transcripts sent from those institutions directly to the Registrar's Office.

Students who have completed an undergraduate degree at Salisbury University and wish to pursue another undergraduate program should submit an application to the Office of Admissions. Students seeking a second undergraduate degree from Salisbury University must meet the same criteria as students transferring to the University, including good academic and community standing with the University.

► Academic Clemency Policy

To encourage students who have left the University with poor academic records to subsequently return and succeed, the University is prepared to extend academic clemency to students returning to SU after a five-year absence.

Students who have not attended the University for at least five years are eligible to apply for academic clemency one time during their academic careers, and they must apply during their initial semesters, terms, or sessions as returning students.

Students applying for academic clemency must complete an Academic Clemency Form on which they request to have up to 16 credit hours of D and F work removed from their GPAs by changing these grades to XD and XF, respectively. When academic clemency is granted for D grades, the previously earned credits will be lost and may no longer be applied to any graduation requirements. Students who receive academic clemency are not precluded from graduating with honors.

Academic Clemency Forms may be obtained from the Office of Academic Affairs and on the Web at www.salisbury.edu/registrar/Resources/forms.html.

Advanced Placement (AP)

Undergraduates who have completed Advanced Placement (AP) courses in high school and have taken the corresponding College Board examination may be entitled to advanced standing credit at Salisbury University. Find minimum score and coursework equivalency information under Credit by Examination at www.salisbury.edu/registrar. Official examination results should be submitted directly from the College Board to the Admissions Office.

International Baccalaureate (IB) Examinations

Undergraduates who have completed higher level International Baccalaureate (IB) courses in high school and have taken the corresponding IB examination may be entitled to advanced standing credit at Salisbury University. Contact the Registrar's Office for minimum score and coursework equivalency information. Official examination results should be submitted directly to the Registrar's Office. A maximum of 30 semester hours of advanced standing coursework will be awarded for IB related courses.

Graduate Student Information

www.salisbury.edu/gsr/gradstudies

Salisbury University is approved for graduate instruction by the Middle States Association of Colleges and Schools and the Maryland Higher Education Commission. Doctoral programs are offered leading to the Doctor of Nursing Practice and Doctor of Education in Contemporary Curriculum Theory and Instruction: Literacy. The University offers master's degree programs leading to the Master of Business Administration, the Master of Education in curriculum and instruction, the Master of Education in educational leadership, the Master of Education in reading, the Master of Arts in Teaching (in cooperation with the University of Maryland Eastern Shore), the Master of Arts in conflict analysis and dispute resolution, the Master of Arts in English, the Master of Arts in history, the Master of Science in nursing, the Master of Science in applied biology, the Master of Science in applied health physiology, the Master of Science in Athletic Training, the Master of Science in geographic information systems (GIS) management, the Master of Science in mathematics education and the Master of Social Work. Graduate study is also available for advanced certificates in healthcare management, teaching English to speakers of other languages (TESOL) and for post-baccalaureate students seeking graduate credit in both academic and professional areas.

Some graduate programs have completely online options. Other programs consist mainly of courses meeting once per week throughout the semester in either late afternoon or evening sessions of approximately three hours each. A limited number of courses open to both graduate students and advanced undergraduates are available in the regular daytime program as well as several online options. In addition, graduate study is available during the University's summer sessions and winter term. Residence hall accommodations are available to graduate students only during the summer sessions and winter term.

Requirements for admission to graduate school include a completed Application for Graduate Program Admission, the application fee and official transcripts from all undergraduate and graduate institutions attended unless otherwise noted by the department. Additional requirements vary by specific program.

GRADUATE STUDY MISSION STATEMENT

The faculty and administration of Salisbury University accept the responsibility of enhancing graduate students' ability to obtain, understand and assess accurately information and ideas, to think reasonably and independently, and to speak and write intelligently and effectively.

Graduate education at Salisbury University encourages students to expand knowledge and facility in their respective fields of study, and to embrace an ethos dedicated to the continued acquisition of knowledge and the pursuit of the intellectual ideal.

The graduate faculty of the University demonstrate the

competence, experience, professional association, instructional mastery, scholarly productivity and service involvement essential to the development of high quality learning. They further recognize that cooperative research and professional enterprise are paramount to the enhancement of graduate-level erudition.

The faculty believe that the substance and method of instruction and research must foster in students a disposition for responsible conduct characterized by integrity, fairness, respect for others, dedication to the pursuit of truth and a willingness to re-examine one's own convictions. One of the University's primary objectives is to cultivate a desire for excellence, a reverence for high principles and the ability to participate in the public forum as informed, committed citizens.

The University prepares graduate students to work confidently and effectively in their chosen career and provides counsel, guidance and instruction appropriate to the requirements of graduate programs. Coherent thought, sound judgment and effective communication will be demonstrated by students in all areas of study.

Because students at every level of study have interests and needs beyond the scope of academic life, the faculty and administration provide and sponsor those services and extracurricular activities which are consistent with the goals and purposes of the institution in general and the graduate program in particular. Furthermore, the University is committed to the integration of graduate students into the social and cultural fabric of campus and community life.

Objectives

Graduate study at Salisbury University provides baccalaureate or master's degree holders from both the U.S. and abroad with opportunities for professional advancement and personal enrichment. The graduate curriculum is designed to assist students in attaining greater mastery of their fields of specialization, improving skills in pursuing independent study, and increasing professional knowledge and ability through the study of new findings in areas of special interest.

The University especially recognizes its obligation to baccalaureate or master's degree holders residing on the Delmarva Peninsula and strives to offer constructive coursework at the graduate level designed to meet their specific needs throughout the year.

ADMISSION TO A GRADUATE DEGREE PROGRAM

Students seeking admission to graduate programs with the intent of completing a doctoral degree, master's degree or certificate program can obtain application materials from the SU website (www.salisbury.edu/gsr/gradstudies/admissions). Students not seeking degrees should refer to the "Non-Degree Student Enrollment" information in this section of the catalog. Students seeking information about graduate degree programs should contact the appropriate program director or access

"Graduate Degree Programs" on the SU website (www.salisbury.edu/gsr).

To apply for graduate admission, applicants must:

1. submit a completed Application for Graduate Program Admission, with the application fee, to the SU website, www.salisbury.edu/gsr/gradstudies/admissions;
2. have official transcripts sent to the Graduate Studies and Research Office from EVERY college and university attended unless otherwise noted by the department;
3. if seeking in-state tuition, submit a completed Residency/Domicile Information form to the Office of Graduate Studies and Research; and
4. submit additional departmental documentation as specified by the applicant's degree program.

Once all documents arrive, the program director will complete the application evaluation and notify the applicant of the admission decision. It is the applicant's responsibility to verify that all required forms and documents have arrived at the University.

Students enrolled in the last semester preceding their graduation from undergraduate study will be reviewed for graduate admission provided their most current transcripts are available. Admission to a graduate program may be granted, contingent upon completion of the bachelor's degree prior to entering graduate study at SU. Admission to the University is granted without regard to race, color, religion, national origin, sex, age, marital status, disability or sexual orientation.

NON-DEGREE STUDENT ENROLLMENT

Eligible students who wish to enroll as non-degree graduate students (not formally admitted to a graduate degree program) are not required to complete a formal application for admission and may schedule up to two graduate classes per term. These students must have official transcripts sent to the Graduate Studies and Research Office from the baccalaureate granting institution (specifying their bachelor's degree major) and all institutions attended for graduate study, and register for classes with the Registrar's Office. Once the required official transcripts arrive, non-degree students may continue to enroll in graduate classes by submitting a completed registration form to the Registrar's Office. Certain programs require application for a degree program no later than nine credits into coursework.

Please be aware that certain graduate courses are available only to students formally admitted to a degree program that is, different policies may apply to specific programs regarding whether to allow students in courses prior to formal admission. Refer to the individual course description for more information. Prospective students are strongly encouraged to contact the program for guidance on admission and particular programmatic requirements prior to trying to enroll in any classes.

To facilitate non-degree students' ease in scheduling classes, the arrival of transcripts may be delayed up to the end of the student's first semester at SU. However, students must have their transcripts sent as quickly as possible as they may be necessary for scheduling purposes. If the official transcript(s) does not arrive in the Graduate Studies and Research Office by the end of their first term, students will not be allowed to schedule additional graduate classes or have graduate transcripts sent from SU.

Non-degree enrollment is a stand-alone classification. That is, successful completion of a course, or courses, as a

non-degree seeking student does not guarantee admission into a graduate program. Additionally, individuals who have been denied admission into a graduate program must receive official approval from the program prior to enrollment in a course as a non-degree student. Each graduate program has the final authority to allow, or deny, enrollment in a graduate course.

CONTINUOUS ENROLLMENT

Students admitted to graduate degree programs must maintain continuous enrollment by completing at least one graduate course every calendar year. Admitted students who do not complete at least one graduate course each calendar year are automatically withdrawn from their graduate degree program and must apply for readmission.

International students must be enrolled at the University full time, usually defined as nine hours in each of the spring and fall semesters. In exceptional situations and with program director approval, international students may take a minimum of six credits.

READMISSION OF GRADUATE STUDENTS

Previously admitted students who fail to complete at least one SU graduate course in a calendar year and wish to re-enter the graduate program, must request to be reactivated through the Registrar's Office. All students seeking reactivation must:

1. have official transcripts sent to the SU Office of Graduate Studies and Research from all institutions attended since last leaving SU;
2. complete the online Readmission Application and send it to the graduate program director for authorization to be reactivated; and
3. if a resident of Maryland, complete the Residency Form and submit it with the Readmission Application.

There is no processing fee for readmission. However, students who have not completed a course credited to a graduate degree program at SU for seven or more calendar years must submit a new application for admission along with the application fee. They must also submit the documents specified in items one and three (if appropriate) above.

ADMISSION OF INTERNATIONAL STUDENTS

International students who demonstrate graduate ability and proficiency in the English language may be offered admission. International students should submit all required documents by May 1 for fall admission and September 1 for spring admission.

The University requires the following documents for graduate admission:

1. Application for Admission Graduate Programs
2. Official or certified true copies of all grade reports, diplomas and academic records (Documents should include a copy in the original language, along with an English translation.)

- University Declaration of Finances form
- Contact individual programs for additional application requirements.

For applicants whose native language is other than English, the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) must be taken and official results submitted to the Office of Graduate Studies and Research. A minimum TOEFL score of 550 on the written exam or 79 on the Internet-based exam is required, IELTS minimum score is 6.5. The English language proficiency requirement may be satisfied by alternative evidence. Please contact Office of International Student and Scholar Services for details.

International graduate student applicants may be required to have their credentials reviewed by professional, external evaluators identified by Salisbury University. If such external review is necessary, appropriate forms will be sent to applicants early in the admission process. International students must be admitted to a degree program before the immigration document (I-20) will be provided.

REGISTRATION

To receive academic credit for coursework, students must be officially registered. Students must register during the periods indicated in the academic calendar. Late registrants are required to pay a late fee. The University reserves the right to discontinue any course or course section for which there is insufficient enrollment. Students should refer to the University website at www.salisbury.edu/registrar for details regarding registration procedures and course offerings.

TRANSFER CREDIT

Graduation from an SU graduate program requires that a minimum of 21 semester hours of the program-required credits must be satisfactorily completed at SU. Some graduate programs require more than 21 semester hours of the program-required credits be satisfactorily completed at SU. Students are advised to refer to the appropriate program description in this catalog.

On the recommendation of the faculty advisor and with the approval of the graduate degree program director, a student may transfer graduate credit from other regionally accredited institutions, providing these credits are directly related to the student's program of study, approved by the student's program director, found acceptable for graduate degree credit by the offering institution, and confirmed by an official transcript showing graduate credit earned with a minimum grade of B. All SU programs have a specific maximum transfer credit allowance; see appropriate program description.

Current students planning to earn graduate credit at another institution for possible transfer toward graduate degree requirements at Salisbury University must first complete a Permission to Study at Another Institution Form and receive authorization from both the program director and registrar's representative. Students should provide a copy of the course title and description, course syllabus, and the number of semester hours of instruction, so that a decision can be made in advance regarding the acceptability of the course for transfer. In each case, the student should make certain that the course is deemed graduate level by the offering institution. No credit will be awarded for any course completed without prior approval.

Coursework earned through correspondence is not eligible for transfer. Transfer credit completed more than seven years prior to the date of graduation will not be counted toward a graduate degree (see "Time Limitation"). Transfer credit that has been applied to one graduate degree may not be applied to a second graduate degree.

The cumulative grade point average of each student will be calculated only on coursework completed at Salisbury University.

INTER-INSTITUTIONAL REGISTRATION

Credit earned through Inter-Institutional Registration with other University System of Maryland institutions will be accepted as credit earned at Salisbury University. Coursework and grades earned will be applied toward graduation requirements at Salisbury University, and will be counted in the SU grade point average.

Graduate students who wish to participate in the Inter-Institutional Registration Program may register at SU using the University System of Maryland Application for Inter-Institutional Enrollment form available at the Registrar's Office. The policies and procedures for this program are also available at the Registrar's Office.

FACULTY ADVISORY SYSTEM

Upon admission to a graduate degree program, students are assigned appropriate faculty advisors who help them develop a valid plan of study and, once the students have met program requirements for their graduate degree, recommend them for graduation to the appropriate program director.

Students are ultimately responsible for formulating plans of study which satisfy University and graduate program requirements, while meeting personal and professional goals. To develop and schedule such plans of study effectively, students should meet with their faculty advisors upon admission to the degree program, periodically throughout the program and at the start of the semester prior to the awarding of the degree. Where students and faculty advisors agree on deviations from the prescribed programs of study, such changes must be approved in writing by the advisor and program director. Non-degree graduate students considering application to graduate degree programs are encouraged to seek advisement from the appropriate graduate program director.

CATALOG SELECTION

Students admitted to graduate degree programs are generally allowed to satisfy graduation requirements as stated in any single catalog of the University that satisfies all of the following conditions:

- The catalog selected is in effect for the semester of the student's formal admission to a graduate degree program, or any subsequent catalog in force while enrollment within the program is maintained, provided it does not predate the student's year of graduation by more than seven years.
- The catalog selected meets all requirements imposed by external agencies.

- The catalog does not require the University to retain and/or provide discontinued policies, curricula, special facilities or resources unnecessary for the completion of the existing academic program.

TIME LIMITATIONS

All work applied to a graduate degree, including transfer credits and thesis, must be completed within seven calendar years after the date on which the first course meeting degree requirements was completed. Any course completed more than seven years prior to the final completion date of all graduation requirements cannot be used toward graduation.

All grades earned, however, will be used in figuring grade point averages regardless of when the work was completed. The grades from all transfer courses will be included in the GPA calculated for admission or readmission, and the grades from all SU courses will be included in the GPA calculated toward graduation.

ENROLLMENT STATUS

Master's Programs

Full-time status during the fall and spring semester requires enrollment in a minimum of nine graduate semester hours (six hours for graduate assistants); Full-time status in the winter and summer terms requires enrollment in a minimum of six graduate semester hours.

Half-time status during the fall and spring semester requires enrollment in a minimum of five graduate semester hours (three hours for graduate assistants). Half-time status in the winter and summer terms requires enrollment in a minimum of three graduate semester hours. Overload requests for course loads in excess of 15 hours during the fall or spring semester, nine hours during the summer term or six hours during the winter term, must be approved by the program director.

Doctoral Programs

Full-time status for D.N.P. students is six credits. For other doctoral programs, contact the program director for enrollment status details.

CLASS ATTENDANCE

Students are expected to attend all class meetings of courses for which they are registered, unless informed otherwise by the instructor concerned. Frequent unexcused absences, together with unsatisfactory work due to absence, may result in exclusion from the course. Individual professors may have requirements that are outlined on the course syllabi that also must be met by students taking the course.

COURSE NUMBERING SYSTEM: DOCTORAL AND GRADUATE CREDIT

Courses at the 700 and 800 levels offer doctoral credit exclusively. Courses at the 500 and 600 levels offer graduate credit exclusively. Some graduate courses are combined with undergraduate-level courses. Graduate students enrolled in

combined sections are expected to do graduate-level work and to meet requirements more rigorous than those established for undergraduates. It is the responsibility of the instructor to define the precise quality and quantity of work expected from members in their classes.

GRADING SYSTEM

A four-point grading system is used to identify the quality of academic work. The grade of A carries 4.0 quality points per credit hour, B+ carries 3.5 points, B carries 3.0 points, C+ carries 2.5 points, C carries 2.0 points, D carries 1.0 points and F carries no points. A cumulative grade point average of 3.0 on all graduate work taken at the University is required for graduation.

Grades will indicate academic achievement as follows:

Grade	Quality Pts.	Evaluation
A	4.0	Excellent
B+	3.5	Very Good
B	3.0	Good
C+	2.5	Below Standard
C	2.0	Unsatisfactory
D	1.0	Poor; no credit toward degree allowed
F	0.0	Failure
AU	0.0	Audit; approved attendance without credit
I	0.0	Incomplete
PS	0.0	Pass; passing grade for credit-bearing courses taught or taken on a pass/fail basis
IP	0.0	In Progress; used for grading on-going projects and independent studies; will be converted to letter grade upon completion
NR	0.0	Grade not reported by instructor
W	0.0	Withdrawal
WP/WF	0.0	Withdrawal Passing/Withdrawal Failing
I_	0.0	Inactive Grade; "I" preceding a grade denotes that the grade is not calculated in the GPA and cannot be applied to the graduate program

NOTE: Students who need to meet eligibility criteria for athletics, financial aid, scholarships, etc. should be aware that courses with grades of W, WP, WF, I or IP will not be included in credits successfully completed.

The cumulative GPA is calculated by dividing the total quality points earned (QPTS) for all semesters by the applicable credit hours (QHRS).

The solitary symbol "I" denotes non-completion of course material for reasons beyond the student's control and is assigned only if the course deficiencies result from unavoidable circumstances. The "I" automatically becomes a grade of F if the work is not made up prior to midsemester of the next full semester for which the student is enrolled, or at the end of one calendar year, whichever is earlier.

The symbol "W" denotes that the student officially withdrew from individual courses or from the University during the schedule adjustment period of the term or semester for which the courses were scheduled. (For specific dates, students should refer to the University's "Academic Calendar.") At the end of the schedule adjustment period, students may no longer withdraw from individual courses but must withdraw

completely from the University to avoid receiving F grades. For students who withdraw completely from the University after schedule adjustment, the symbol "WP" (withdraw passing) or "WF" (withdraw failing) is assigned to each class to denote the student's achievement at the time of withdrawal. These grades are non-punitive, however, and will not be calculated in the student's grade point average.

NOTE: Students who need to meet eligibility criteria for financial aid, scholarships, etc. should be aware that courses with grades of W, WP, WF, I or IP will not be included in credits successfully completed.

Auditing Courses

Full tuition and fees must be paid for audited courses. Audited courses may not be counted as part of the students' load, and may not be applied toward the completion of any program requirement or toward the graduate degree. Changes in registration, to or from audit, are permitted only during the drop/add period. Students auditing courses are expected to attend classes or laboratories in accordance with the established class attendance policy. Students who do not attend class will receive a grade of "W."

Repeating Courses

While students may not receive credit more than once for courses that cover the same content, it may be possible for students to repeat courses in order to improve their grade point average. However, the last grade received for a course (whether the grade is higher or lower than the original grade) is used to compute a student's cumulative grade point average. All graduate programs have strict limitations on the number of courses that may be repeated. No program permits more than two course repetitions for the purpose of grade improvement. Some permit fewer than two. Students should consult their specific graduate program for policies concerning the repeating of courses.

In some instances students may repeat special topics courses offered under like course codes if allowed by the department.

Challenge Exams

Challenge exams will not be recognized for graduate credit at Salisbury University except for the Master of Business Administration and the Master of Social Work programs that use challenge exam credit to establish competence in designated foundational courses.

ACADEMIC STANDARDS

To remain in good academic standing, graduate students must maintain a cumulative grade point average of at least 3.0 for all graduate courses. Graduate programs vary as to their policies regarding grades below B. No program permits more than two grades below B to count toward a degree. Some permit fewer than two. Students should consult the policies of their specific graduate programs for further information about program academic standards.

Students whose cumulative average falls below 3.0 will be placed on academic probation for a maximum of one calendar year and allowed nine semester hours, which includes a repeated course, to return their grade point average to 3.0. During probation, students are dismissed if they do not improve their grade point average following each term they

complete a class or it is determined they cannot return their grade point average to at least 3.0 by the conclusion of the nine semester hours or one calendar year, whichever comes first. All students who return their grade point average to at least 3.0 during the probationary period will be returned to good academic standing. Students in graduate degree programs will be informed of probationary status or dismissal by the school dean or program director. Non-degree students will be informed of probationary status or dismissal by the dean of graduate studies and research.

In exceptional circumstances, students dismissed for academic deficiency may be considered for readmission to their graduate degree program or to another graduate degree program. *In no case will such readmission for graduate study be granted prior to one calendar year following the term of dismissal.* These students must submit the application for reactivation to the Registrar's Office at least 90 days prior to the term for which admission is desired. A letter providing the reasons for lack of previous academic success and indicating why acceptable academic performance should be expected in the future must accompany each application. The director of the appropriate degree program will make the final readmission decision.

Student Grievance Policy

Graduate students may address concerns related to academic matters (e.g. grade disputes and professional program dismissals when they do not involve an academic integrity violation) through the Student Grievance Policy process. The policy provides a method for aggrieved students to express substantive complaints about academic matters and have them resolved in a timely fashion. Students are encouraged to attempt to resolve differences between themselves and others in an informal manner prior to initiating a formal grievance under this policy. A copy of this policy can be found at www.salisbury.edu/provost. Graduate programs may have additional expectations and policies related to academic integrity and professional conduct.

Academic Integrity

Integrity is a principle that permeates all the activities of the University and guides the behavior of faculty, students and staff. The spirit of academic integrity denotes adherence to the precept that "one's work is one's own." The process by which integrity is upheld assumes clear communication of University expectations, standards and policies and clear communication of students' and faculty's rights and responsibilities. This policy is intended to foster student academic integrity and to address cases of student academic misconduct. A copy of this policy can be found at www.salisbury.edu/provost.

GRADUATE ASSISTANTSHIPS

(See Financial Aid section for additional funding opportunities.)

The graduate assistant role at Salisbury University is governed by the Salisbury University Graduate Assistant Policy (available online at www.salisbury.edu/gsr/gradstudies/grad_assistantships.html). This policy delineates all aspects of the graduate assistant hiring process, appointments, benefits and the grievance process.

Graduate assistantships enhance student educational objectives by providing practicum-based experiences, including the development and application of teaching, conducting

research and other skills, while advancing the mission of the University. Graduate assistantships also provide financial support in the form of stipends and tuition assistance to aid full-time or half-time degree-seeking students enrolled in post-baccalaureate degree programs. To be eligible for an assistantship, students must be admitted to a degree-seeking graduate program.

Graduate assistants are eligible to receive a stipend and tuition waiver of up to 18 credits per fiscal year (summer II, fall, winter, spring and summer I). To be eligible for the tuition waiver, students must enroll for a minimum of six credits in both the fall and spring terms. Tuition is waived only for graduate courses applicable toward graduate degree requirements. The tuition waiver does not include waiver of fees. The length of appointment may be for a single term, an academic year, 12-months or multiple years, based on the recommendation of the dean, department chair or graduate program director. A full-time assistantship requires a time commitment of approximately 20 hours per week, and a half-time assistantship requires about 10 hours per week. Hiring managers should discuss job duties, appointment length and anticipated time commitments with candidates prior to offering a position.

GRADUATE TUITION AND FEES

Tuition and fees for each semester may be changed and new ones established at any time by action of the Board of Regents of the University System of Maryland. Please refer to the Cashiers Office website, www.salisbury.edu/admin/cashiers/, for a complete listing of tuition, fees, and special course fees and other related expenses, as well as current prices.

CHANGE OF NAME/STUDENT NUMBER

Students wishing to change or correct their name, Social Security number or other biographical information should complete the online paperwork (www.salisbury.edu/registrar/).

CHANGE OF ADDRESS

It is the students' responsibility to keep the University apprised of changes to their permanent, billing, and local addresses and phone numbers by updating their information as necessary through self-service on their GullNet accounts.

SOCIAL SECURITY NUMBER

All students are asked to submit their Social Security number. International students are encouraged to file for a Social Security number, although they are not eligible for Social Security benefits. The Social Security number is used as a resource to identify the student for administrative and financial records.

Students' disclosure of their Social Security number is voluntary. The student Social Security number is only released to agencies or individuals outside the University at the request of the student or in accordance with federal and state requirements in regard to financial aid awards, Internal Revenue Services for student employee salary reporting and state comptroller's debt collection procedures.

OFFICIAL WITHDRAWAL AND REFUND PROCEDURES

Graduate students may drop part or all of their course load through self-service on their GullNet accounts. Their admission to the Graduate School will remain active for one academic year. If students wish to withdraw completely from the University, they should complete and submit a Withdrawal form, available online at www.salisbury.edu/registrar/forms.html or in the Registrar's Office. Failing to attend classes does not constitute an official withdrawal or relieve students from their financial obligations to the University.

Students failing to comply with procedures for official withdrawal and/or official dropping of courses risk receiving a grade of F in the courses at issue and will forfeit all right to refunds which might otherwise be made.

Detailed procedures for official withdrawal from the University and official dropping of courses, including deadlines for submitting the forms necessary for the disbursement of refunds, are available on the University website (www.salisbury.edu/registrar and www.salisbury.edu/gullnet).

APPLICATION FOR GRADUATION

It is the responsibility of individual graduate students to check with their faculty advisor to make sure that all degree requirements have been fulfilled.

Degree candidates must apply for graduation prior to the Commencement ceremony. The Graduation Application may be accessed through their self-service GullNet accounts. Deadlines for submitting an application are posted on the Master Calendar on the University website at www2.salisbury.edu/calendars/Program/all_calendars.asp and the Commencement Web page at www.salisbury.edu/commencement. If students fail to file the Graduation Application by the posted deadline, inclusion in the commencement ceremony might be affected and graduation may be delayed one semester. Students who find it necessary to postpone graduation must contact the Registrar's Office to make the changes in their records.

TRANSCRIPTS AND CERTIFICATION OF COMPLETION OF DEGREE REQUIREMENTS

Transcripts of graduate records for all students and alumni may be ordered online at www.salisbury.edu/registrar/transcripts.html.

A certification of degree requirements may be obtained by contacting the Registrar's Office only after all requirements are completed and after the Graduation Application is submitted. All financial obligations to the University must be met before a transcript or certification is issued.

PROFESSIONAL CERTIFICATION

Requirements for the various teaching and administrative state certificates change from time to time and are determined by agencies other than the University. Therefore, the University cannot guarantee that a particular graduate program will

automatically fulfill requirements for any of the various certificates available. Students seeking such certification are advised to consult a certification specialist within their state department of education or state board of nursing for information on the particular certification requirements they may wish to meet.

GRADUATE STUDENT COUNCIL

The Graduate Student Council (GSC) is the official representative and social body for the graduate students at SU. The GSC's goal is to provide avenues for intellectual, professional, personal and social development through grants, advocacy, public presentation of research, graduate community events and campus service support. To learn more visit www.salisbury.edu/campusgov/gsc.

GRADUATE COUNCIL

The Graduate Council recommends academic policies and procedures to the administration of the University and serves as an advisory board to review appeals on matters concerning the interpretation of regulations governing graduate study and the degree programs as related to the University as a whole. The council approves all changes in the graduate curriculum, evaluates trends in graduate education and makes recommendations to the administration concerning the mission of graduate education and the utilization of resources within the University to meet the needs of its graduate constituency.

Continuing Education

Salisbury University provides traditional and non-traditional courses to the community. The University offers flexible educational programs through day and evening courses, extension courses, non-credit courses, winter terms, summer sessions, workshops/conferences, short courses, institutes, undergraduate and graduate courses and other types of educational/experimental experiences, both on and off campus.

Goals

The goals of continuing education at Salisbury University are as follows:

1. Identify community educational needs and interests for use in new and ongoing program development.
2. Provide educational experiences that encourage intelligent action in response to social, economic and political issues.
3. Provide opportunities to continually update and/or upgrade professional skills.
4. Provide a variety of activities relating to personal and cultural development.
5. Provide increased educational opportunities at suitable locations and hours convenient to those who may participate.

Continuing Education Units (CEU)

Salisbury University uses the Continuing Education Unit (CEU) for selected offerings in the Non-credit Continuing Education Program. The CEU is a nationally accepted method for recognizing, identifying, measuring and rewarding participation in non-credit certificate programs and special courses of varying lengths that are not part of the regular undergraduate or graduate degree programs. The CEU is defined as "10 contact hours of participation in an organized continuing education experience under responsible, sponsoring, capable direction and qualified instruction." Professional and personal growth may be assessed in this manner. Courses for which CEU credit will be awarded are designated with the CEU initials.

Registration of Auditors and Undergraduate Non-Degree Students

Community members who have not earned a degree and wish to enroll for a limited number of undergraduate courses in the non-degree program must register through the Registrar's Office. Information regarding registration procedures and deadlines is available on the University website (www.salisbury.edu/registrar/nondegree.html) or in the Registrar's Office at 410-543-6150 or registrar@salisbury.edu.

Graduate Non-Degree Students

Non-degree graduate students who have never been admitted to a graduate degree program at SU do not need to submit an application or application fee. These students must have official transcripts sent to the Registrar's Office from the baccalaureate granting institution (specifying their bachelor's degree major) and all institutions attended for graduate study, and register for classes with the Registrar's Office. Once the required official transcripts arrive, non-degree students may continue to enroll in graduate classes by completing a non-degree registration form online at www.salisbury.edu/registrar/nondegree/enrollment.html.

To facilitate non-degree students' ease in scheduling classes, the arrival of transcripts may be delayed up to the end of the student's first semester at SU. However, students must have their transcripts sent as quickly as possible as they may be necessary for scheduling purposes. If the official transcript(s) does not arrive in the Admissions Office by the end of their first term, students will not be allowed to schedule additional graduate classes or have graduate transcripts sent from SU.

A maximum of nine semester hours of credit earned prior to formal admission to a master's degree program at SU may be applied toward graduation requirements for that degree. Certain graduate courses are available only to students formally admitted to a degree program. (Refer to the individual course descriptions for more information.)

University Expenses

www.salisbury.edu/cashiers

NOTE: Notwithstanding any other provision of this or any other University publication, the University reserves the right to make changes in tuition, fees and other charges at any time such that changes are deemed necessary by the University and the University System of Maryland Board of Regents. Please refer to the Cashiers Office website, www.salisbury.edu/cashiers, for a complete listing of tuition, fees, room, board, and special course fees and other related expenses, as well as current prices. All fees including those incurred by students for miscellaneous items such as lost library books and fines, parking fines, lost athletic equipment, disciplinary fines and damage to University property are also defined as "mandatory fees."

GULL CARDS (IDENTIFICATION CARDS)

All students enrolling for the first time at the University must have a Gull Card (ID) made. Continuing students use the card they have as long as they are registered students—the card is reactivated each time students enroll for classes. The Gull Card is used by students to access their residence halls, meal plans, Blackwell Library and their declining balance account funds. Once a student places money in their declining balance account the Gull Card can be used to make purchases at the University Bookstore, Commons dining facility, food carts, Office of Publications, University Police, Copy Center, vending machines, laundry services and off-campus merchants who accept the Gull Card. A replacement fee of \$25 is charged for lost/stolen or damaged/worn cards. Students may obtain their Gull Card by visiting Commons Room 036, Monday-Friday, 8 a.m.-5 p.m. For further information please call the Gull Card Office at 410-543-6053 or e-mail gullcard@salisbury.edu.

RESIDENCY DETERMINATION (IN-STATE/OUT-OF-STATE TUITION)

Tuition residency determination is made upon admission and/or enrollment. The complete "Policy on Student Residency Classification for Admission, Tuition and Charge Differential Purposes" is located in Appendix B.

STUDENT CLASSIFICATION

For tuition and fee purposes, a full-time undergraduate student is a student taking 12 or more credit hours each semester. Any student (regardless of classification or designation) taking 12 or more credit hours a semester is required to pay the full-time tuition and fees listed. A part-time student is a student taking 11 or fewer credit hours per

semester for undergraduate or graduate credit. Any student (regardless of classification or designation) taking 11 or fewer credit hours a semester is required to pay the part-time tuition and fees itemized.

Students taking courses for audit or pass/fail or courses without credit designation will receive assigned equivalency credit hours for tuition and fee purposes.

ROOM AND BOARD

Those students who have made residence hall reservations must claim their room no later than 5 p.m. on check-in day. Students who cannot meet this schedule must call the Office of Housing and Residence Life to request alternative check-in information.

EXPLANATION OF FEES

Full/part-time mandatory fees consist of the following:

► Athletics

Funds from this fee are assigned to the Department of Intercollegiate Athletics and are used in implementing a well-rounded athletics program at the University. Athletics fees offset expenses incurred in the purchase of consumable supplies for varsity sports, the transportation of athletics teams, payment for athletics officials and numerous other services.

► Facilities

Funds from this fee support major renovation and/or construction projects not funded by the State of Maryland.

► Guerrieri University Center

Funds from this fee support the Guerrieri University Center programs and operations.

► Intramural/Recreation

Funds from this fee are used to implement a well-rounded intramural program at the University.

► Student Activities

Activity fund fees are used to help meet expenses in connection with various social functions, student publications, dramatic productions and the other duly authorized student activities which take place during the academic year.

► Technology

Technology fee funds are used to enhance the technology infrastructure for the student body.

► Motor Vehicle Registration

Students who operate motor vehicles on the University campus must register these vehicles with the Parking Services Office, located in the East Campus Complex, and pay a parking fee. Parking permits are non-transferable.

ADDITIONAL EXPENSES

► Books and Supplies

Books and classroom supplies may be purchased at the University Bookstore. Expenses will vary with the cost of books and other materials required for particular courses.

► Special Courses

Certain courses require enrolled students to pay additional fees for special services and/or materials. All special course fees will be assessed and collected through normal student accounts receivable procedures. **No fees should be paid directly to academic departments or individuals.**

PAYMENTS AND ADJUSTMENTS

► Advance Payments

Candidates seeking admission to the University must pay a \$50 **nonrefundable** application fee when they submit the Admission Application. The application fee is not applied to any tuition or fees. After evaluation and review by the Admissions Office, the candidate is notified of status regarding admission. If accepted for admission, the student will receive (with the acceptance letter) a bill for an advance payment of \$400, payable immediately, to assure the student placement in the appropriate class at time of entry. The \$400 advance payment is nonrefundable but will be applied toward payment of the total tuition and fees which are due before the first day of classes. If the student fails to register, the \$400 advance deposit is forfeited at the close of the late registration period as set forth in the official University calendar.

New Students (Freshmen and Transfer)

Students who are coming to SU for the first time and cancel their admission must additionally let the Housing Office know in writing. New students are not eligible for a refund of the Admission deposit, including cases where they cancel admission. Transfer students who remain enrolled at SU but decide to cancel their housing contract and move off campus will be charged an \$800 breach-of-contract fee. Exempted eligible students that choose to live on campus and then choose to petition to remain at home after May 31 (or October 31 for the spring semester) are subject to an \$800 breach-of-contract fee.

Returning/Current Students

Students desiring to cancel a contract for the upcoming academic year:

Should a student decide to cancel their contract for the upcoming year, the following timeline exists:

1. Cancellation requests received by May 1 - the breach of contract fee will be waived.
2. Cancellation requests received on or after May 2 - \$800 breach of contract fee will be assessed. If the campus vacancy created within the residence halls by the cancellation is not contracted by August 20, the student will be assessed a rate equivalent to a semester room expense in addition to the breach of contract fee.

Students desiring to cancel a contract mid-year (for the spring semester):

TYPE A:

1. Students who have applied for December graduation.
2. Student teachers or those involved in full-time internships for University credit, beyond a 20-mile radius of campus.

3. Students studying abroad for University credit.
4. Students transferring or withdrawing from the University.
5. Students moving to University Park.

Petitioners, who meet one of the aforementioned reasons and requesting to be released from their housing contract, must complete a contract cancellation request in the Office of Housing and Residence Life.

- Requests received by October 31 - the breach of contract fee will be waived.
- Requests received on or after November 1 - the student will be assessed a breach-of-contract fee (\$800).

TYPE B:

Any resident student moving off-campus (excluding University Park) will automatically be assessed a breach-of-contract fee (\$800) regardless of the housing cancellation date. They will also be subject to an amount equivalent to the amount of the remainder of their contract if the University is unable to fill their vacancy. Vacancies are filled in date order of cancellation.

► Payments to the University

Student tuition and fees for pre-registered students are due and payable to the University prior to the beginning of each semester on or before the date shown on the bill. For students initially enrolling during open enrollment, payment for the term is due no later than the last day of drop/add. Similarly, pre-registered students who paid their initial bill but make changes during open enrollment that cause additional charges to their student account have until the end of drop/add to pay those additional charges. Students who do not observe the payment due date for any academic term will be charged periodic late fees. Students not attending should access their GullNet student account and drop all classes in which they are enrolled. **Non-payment of and/or non-response to a bill does not constitute a withdrawal from the University.**

Payment may be made, using ACH transfer or credit card, through the student's GullNet account at www.salisbury.edu/gullnet. Credit cards accepted for payment of the semester bill are MasterCard, Discover and Visa. A 2.5 percent convenience fee is assessed for any credit card payment for tuition and fees. There is no fee for ACH transfer. Checks and money orders made payable to Salisbury University may be used when paying by mail. The mailing address for payments is Salisbury University, P.O. Box 2195, Salisbury, MD 21802-2195. Cash, checks and money orders are also accepted at the Cashiers Office, Holloway Hall Room 219, Monday-Friday between the hours of 8 a.m.-5 p.m.

Salisbury University has partnered with Higher One to give students the option of spreading their semester payments over a longer period of time by enrolling in a payment plan. To do so, log onto GullNet > Main Menu > Bills/Payments/Pay Plans/Refund.

► Tax Relief Act of 1997

Two new post-secondary education tax credits have been included as a part of the Taxpayer Relief Act of 1997: the Hope Scholarship Tax Credit (effective January 1, 1998) and the Lifetime Learning Tax Credit (effective July 1, 1998). These laws may allow a tax credit for some higher education expenses. To ascertain whether or not a student qualifies for this benefit, it may be advisable for the student and/or parent to consult a tax professional; the University cannot provide students and/or parents with tax advice.

► Returned Checks

Article 27, Section 142 of the Annotated Code of Maryland states that anyone who obtains money, etc., by bad

check is subject to prosecution. All checks returned to Salisbury University by the bank as "unpaid" (this includes checks on which payment has been stopped) must be paid within seven days of the University's notification to the student. If restitution has not been made within the allotted time, the maker of the check may be subject to prosecution. A returned check fee is charged by the University (in addition to the face value of each check) to cover the costs of handling returned checks.

Should it become necessary to remand a debt to the Central Collection Unit of the State of Maryland, a collection fee of 17 percent or greater will be imposed and added to the principal balance. **The University reserves the right to deny services to any student who has an account in arrears. This may include, but not be limited to, denial of registration and transcript privileges.**

► Eligibility for Refunds

To be eligible for any type of refund, a withdrawing student must do the following:

1. Access their GullNet account and drop all classes in which they are enrolled.
2. Submit a completed withdrawal form to the Office of the Registrar.
3. Notify the Office of Housing and Residence Life (if a resident student) of room cancellation.
4. Turn in the student ID card to the Identification Office.

No refund will be processed unless the student complies with the withdrawal procedures stated above.

Refunds are based on the date on which the withdrawal form is filed with the registrar. Failure to file the official notification will result in a forfeit of all right to refund. No withdrawals will be backdated. Students whose housing contracts and meal plans are terminated for disciplinary reasons are not eligible for refunds. Students dismissed by the University for disciplinary reasons are not entitled to any tuition or fee refunds.

The cost of repairs and/or replacement of any University property damaged by the student will be deducted from any refunds due the student. Damaged property will be inspected by the Physical Plant Office and a determination will be made of repair or replacement costs prior to any refund. Students also will be liable for common area damage assessed by the Office of Housing and Residence Life at the end of each semester.

► Refund Policy

Refunds are made based on the following criteria, except for aid recipients who fall under the Return of Title IV Funds Policy guidelines which may be found in the Financial Aid Information section of this catalog (this policy information refers to the regular fall and spring academic terms). Please refer to the Cashiers Office website for pro-rated refund amounts and dates for the winter and summer terms.

1. Students who withdraw from the University before the end of the official drop/add period for each session receive a refund of all tuition, fees, room and board except the \$400 admissions deposit for new students, a \$800 breach of housing contract fee, the per meal rate for meals eaten prior to a board plan's being dropped.
2. Those who withdraw after the end of the official drop/add period must withdraw from all sessions (courses) within the semester in order to receive a pro-rated refund. Please refer to the Cashiers Office website for pro-rated amounts and dates.

Individuals who change their schedules from full-time to part-time status during the official drop/add period of the University will be entitled to credit based on the difference between the full-time tuition and fee charge and the part-time per credit hour tuition and fee charge.

The University refund policy is effective for students who withdraw from all courses and for those who drop courses by the end of the official drop/add period. It is not effective for students who withdraw from a portion of their scheduled courses during the schedule adjustment period. It also does not apply to the self-supporting terms (winter and summer). Questions regarding refunds should be directed to the Cashiers Office. Appeals for exceptions to this policy must be in writing to the Office of the Vice President of Administration and Finance, Holloway Hall Room 228, Salisbury University, P.O. Box 2195, Salisbury, MD 21802-2195.

Financial Aid

www.salisbury.edu/finaid

NOTE: Students applying for aid from Salisbury University who are eligible to apply for the Federal Pell Grant are required to do so before aid from the University will be awarded.

GENERAL INFORMATION

What is Financial Aid?

Financial aid is any grant, scholarship, loan or paid employment offered for the express purpose of helping a student meet educationally related expenses. Such aid is usually provided by or through federal and state agencies, foundations, corporations, and the colleges and universities themselves. Grants and scholarships are regarded as "gift" assistance and need not be repaid although they may carry certain provisions.

Loans are usually offered at low interest rates and can be repaid over an extended period after the student leaves the institution. Where aid is offered in the form of a job, the student is paid an hourly rate for work actually performed.

The amounts and types of financial aid that students receive are determined through federal, state and local guidelines, and are offered to students in combinations or "packages" designed to fit applicants' financial needs.

What is Financial Need?

Financial need is the dollar-amount difference between the funds students can provide and their University expenses. Salisbury University expects students and/or their parents to contribute to the fullest of their ability from income and assets in meeting University expenses. Financial aid is designed to supplement, but not replace, these primary resources. Therefore, the University's aid programs are based on the financial need of families. It is students' responsibility to apply for any additional scholarship for which they may be eligible.

ELIGIBILITY REQUIREMENTS AND PROCEDURES

To be eligible to apply initially for financial aid, students must meet the following criteria:

1. Be matriculated (formally admitted to the University).
2. Be enrolled in a degree-seeking program of study.
3. Be enrolled at least part time.

Once students are studying at Salisbury University and wish to reapply for financial aid, they must meet the following qualifications:

1. Remain matriculated.

2. Remain enrolled in a degree-seeking program of study.
3. Continue making satisfactory academic progress.

All students must reapply every year for continuation of financial aid, and are required to report to the Financial Aid Office any new scholarships, loans, grants and earnings from employment not recorded on the original, initial financial aid application. This information is used to reassess students' financial needs and if needs are reduced, aid will be reduced accordingly. When aid must be reduced, the Financial Aid Office attempts to adjust the amount students will receive for the upcoming semester in that semester. But in cases where such adjustments cannot be made in time and students receive aid in excess of assessed need, the University bills students in the amount of the overaward.

Students who receive financial aid are notified in an award letter and must, in turn, notify the Financial Aid Office that they accept the aid awarded. Students who do not notify the office of their acceptance of aid awarded by the date indicated in the award letter are subject to aid cancellation.

GRADUATE FINANCIAL ASSISTANCE

A limited amount of financial aid in the form of graduate assistantships from the University, scholarships from the Maryland Higher Education Commission (Maryland residents only) other sources is available each year to selected graduate students. The William D. Ford Direct Loan Program is available to students whose classification is a graduate master's or doctoral degree and are enrolled at least half time per semester. Internal scholarship opportunities also may be found by visiting the graduate studies website.

GRADUATE ASSISTANTSHIPS

Each year Salisbury University offers a number of graduate assistantships on a competitive basis. Information and available opportunities may be obtained from the Graduate Studies and Research Office by visiting www.salisbury.edu/gsr/gradstudies/grad_assistantships.html.

All graduate assistants will be eligible to receive a salary and tuition waiver. Full-time graduate assistants must enroll for a minimum of six credits, but no more than nine per semester will be covered by the tuition waiver. Tuition will be waived only for courses applicable toward graduate degree requirements. The waiver of tuition does not include waiver of fees.

Assistantships are generally awarded for one semester, beginning in the fall, and may be continued in the spring semester, based on the recommendation of the dean, department chair or graduate program director.

RETURN OF TITLE IV FUNDS POLICY

The federal government's policy states that if a Title IV aid recipient (Direct Stafford Loan, Direct PLUS Loan, Carl Perkins loan, Pell Grant, SEOG) withdraws from the institution, either officially by withdrawing through the Registrar's Office or unofficially by dropping out, during a period of enrollment in which the recipient began attendance, the institution must calculate the percentage and amount of Title IV assistance the student did not earn and return those funds to the Title IV programs. Once 60 percent of the enrollment period has elapsed, 100 percent of the aid is determined to be earned and no calculation is required. For further information please visit the financial aid website.

APPLICATION PROCEDURES FOR UNIVERSITY FINANCIAL AID PROGRAMS

Students who wish to apply for financial aid must complete a Free Application for Federal Student Aid (FAFSA) indicating that Salisbury University (Title IV Code 002091) is to receive the information.

The University's financial aid deadline can be found on the financial aid website. Applications received after the deadline will be processed on a first-come, first-served basis. Although incoming freshmen and transfer students are not offered financial aid until they have been formally admitted to the University, they must meet the same application deadline. Immediate processing of new applications or announcements of results prior to the beginning of the school year cannot be assured; therefore, an alternate arrangement for bill payment should be made. If funds are still available, cases will be processed during the school year.

DISBURSEMENT OF FINANCIAL AID

Financial aid is disbursed to the semester bill once all required actions have occurred to allow disbursement. Required actions may include: accepting the aid offer, providing requested documentation and completing promissory notes and entrance counseling. Students must be enrolled and have completed all required steps in the financial aid process before aid is permitted to disburse to their semester bill.

If there is a credit balance due to the student after all charges have been deducted, a refund will be processed for the student as early as the first week of classes. For credit balances that occur near or after the beginning of the term, the excess funds will be available within two to three weeks. Students have the option of receiving excess funds by check or electronic deposit.

FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS POLICY

Undergraduate Policy

Federal regulations require that institutions of higher education establish minimum standards of "Satisfactory Academic Progress" (SAP) for potential and current financial aid recipients. Financial aid applicants must comply with the SAP Policy as a condition of initial or continued eligibility. Please note that a student's prior academic progress will be measured to determine his or her eligibility. The Financial Aid Office will review SAP at the end of each payment period (fall, spring and summer).

Financial aid programs that are affected by the SAP Policy include: Federal Pell, Federal TEACH, Federal Carl Perkins Loan, Federal SEOG, Federal Work Study, Federal Direct Stafford Loan, Direct PLUS Loan, Salisbury University Fund, TRIO Grant, Partnership for Success Grant and State grants/scholarships.

SAP for undergraduates is measured in three areas: maintaining a satisfactory cumulative grade point average, successfully completing a required percentage of attempted credits and receiving a degree within a maximum timeframe.

► Minimum Cumulative Grade Point Average

Undergraduate students must maintain the required cumulative grade point average necessary for continued enrollment at SU. Therefore, they must maintain an academic standing consistent to the Undergraduate Scholastic Standards as outlined below:

Total Credits Earned (Including transfer credits)	Minimum SU Cumulative GPA
Fewer than 30	1.400
30-35	1.500
36-41	1.600
42-47	1.700
48-53	1.800
54-59	1.900
60 or more	2.000

► Minimum Credit

All undergraduate students must have successfully completed at least 67 percent of all credits attempted.

How do I calculate my percentage completed?

An attempted credit includes graded courses (A, B, C, D, F) and non-graded courses (I, PS, S, CS, AU, W, WF, WP, NR, IP, RA, RB, RC, RD, RF, X, Advanced Placement, CLEP, Departmental Challenge Exams, International Baccalaureate Exams, Military Education Credit, study abroad attempted credits, credits excluded in Academic Clemency, accepted transfer credits).

To calculate the percentage of credits a student has completed, total all attempted credits and total all completed credits. (See the Repeat Course section in the University Catalog for further information regarding repeating of courses) Then, divide the number of completed credits by the number of attempted credits.

Total Completed Credits/ Total Attempted Credits = Percentage Completed

Students placed on warning after the first occurrence for one or both of the above requirements (Minimum Cumulative Grade Point Average/Minimum Credit Requirement) must meet

all SAP requirements after the next consecutive payment period in which they are enrolled or financial aid eligibility will be terminated.

► Maximum Time Frame

Undergraduate students seeking their first bachelor's degree must earn their degree, regardless of their program of study, within their first 180 attempted credits. Students who have not earned a degree within their first 180 attempted credits, whether they have previously received financial aid or not, will lose their financial aid eligibility.

What Counts as Attempted Credits?

An attempted credit includes graded courses (A, B, C, D, F) and non-graded courses (I, PS, S, CS, AU, W, WF, WP, NR, IP, RA, RB, RC, RD, RF, XD, XF, Advanced Placement, CLEP, Departmental Challenge Exams, International Baccalaureate Exams, Military Education Credit, study abroad credits, credits excluded in Academic Clemency, all transfer credits accepted by SU). Ex. John has 30 transfer credits accepted by SU and had registered for 15 credits at SU for the fall 2010 semester but only obtained 12 credits at the conclusion of the fall 2010 semester. His attempted credits are 45.

Undergraduates Seeking First Bachelor's Degree

A financial aid eligibility termination letter will be sent to those students who have attempted more than 180 credits.

Undergraduates Seeking Second Bachelor's Degree

A financial aid eligibility termination letter will be sent to those students who have attempted (includes attempted credits/transfer credits from first bachelor's degree) more than 270 credits.

► Appeal Process

If a student is placed on warning, he or she does not need to appeal, because financial aid eligibility has not been revoked. A student who has had his or her financial aid eligibility terminated has the right to make a written appeal if extenuating circumstances exist and can be documented.

► Additional Information

Academic dismissal or disciplinary suspension from SU will result in the automatic cancellation of financial aid eligibility.

Only matriculating students (formally admitted) can receive financial aid.

The Financial Aid Office is not permitted to exclude credits/grades for students granted Academic Clemency.

Students ceasing attendance at SU, either officially by withdrawing through the Registrar's Office or unofficially by dropping out, will have their financial aid adjusted in accordance with the Federal Return of Title IV Funds Refund Policy.

Graduate Policy

Federal regulations require that institutions of higher education establish minimum standards of "Satisfactory Academic Progress" (SAP) for potential and current financial aid recipients. Financial aid applicants must comply with the SAP Policy as a condition of initial or continued eligibility. Please note that your prior academic progress will be measured to determine your eligibility. The Financial Aid Office will review SAP at the end of each payment period (fall, spring and summer).

Financial aid programs that are affected by the SAP Policy include the Federal Direct Stafford Loans, Federal TEACH Grant and state grants/scholarships.

SAP for graduates is measured in three areas:

maintaining a satisfactory cumulative grade point average, successfully completing a required percentage of attempted credits, and receiving a degree within a maximum timeframe.

► Minimum Cumulative Grade Point Average

Graduate students must maintain the required cumulative grade point average of at least a 3.00.

► Minimum Credit

All graduate students must have successfully completed at least 67 percent of all credits attempted.

How do I calculate my percentage completed?

An attempted credit includes graded courses (A, B, B+, C, C+, D, F) and non-graded courses (I, AU, W, WF, WP, NR, IP, RA, RB, RB+, RC, RC+, RD, RF, Departmental Challenge Exams, Study Abroad, transfer credits accepted toward a student's program).

To calculate the percentage of credits a student has completed, total all attempted credits and total all completed credits. (See the Repeat Course section in the University Catalog for further information regarding repeating of courses) Then, divide the number of completed credits by the number of attempted credits.

Total Completed Credits/ Total Attempted Credits = Percentage Completed

Students placed on warning after the first occurrence for one or both of the above requirements (Minimum Cumulative Grade Point Average/Minimum Credit Requirement) must meet all SAP requirements after the next consecutive payment period in which they are enrolled or financial aid eligibility will be terminated.

► Maximum Time Frame

The federal government requires a graduate student to obtain his or her degree within a given time frame to remain eligible to receive financial aid. A student is allowed to have attempted up to 150 percent of the required credits for a graduate degree and still receive financial aid. The published length for a student to obtain his or her degree varies according to the degree sought. Refer to the SU Catalog to determine the published length required for the degree.

What Counts as Attempted Credits?

An attempted credit includes graded courses (A, B, B+, C, C+, D, F) and non-graded courses (I, AU, W, WF, WP, NR, IP, RA, RB, RB+, RC, RC+, RD, RF, and Departmental Challenge Exams, study abroad attempted credits, all transfer credits accepted by SU). Ex. John has three transfer credits accepted by SU and had registered for nine credits at SU for the fall 2010 semester but only obtained six credits at the conclusion of the fall 2010 semester. His attempted credits are 12.

A financial aid eligibility termination letter will be sent to those students who have attempted more than 150 percent of the required credits necessary to obtain a degree.

► Appeal Process

If a student is placed on warning, he or she does not need to appeal, because financial aid eligibility has not been revoked. A student who has had his or her financial aid eligibility terminated has the right to make a written appeal if extenuating circumstances exist and can be documented.

► Additional Information

Academic dismissal or disciplinary suspension from SU will result in the automatic cancellation of financial aid eligibility.

Only matriculating (formally admitted) students can receive financial aid.

The Financial Aid Office is not permitted to exclude credits/grades for students granted Academic Clemency.

Students ceasing attendance at SU, either officially by withdrawing through the Registrar's Office or unofficially by dropping out, will have their financial aid adjusted in accordance with the Federal Return of Title IV Funds Refund Policy.

FINANCIAL AID REPEAT GRADE POLICY

Federal regulations specify that students may receive federal financial aid funding for one repetition of a previously passed course. The regulation limits the number of times a student may repeat a course and receive federal financial aid for that course.

Examples of repeated coursework that **may** count toward a student's enrollment status for purposes of determining federal financial aid eligibility are listed below:

- Repeated coursework may be included if the student withdrew (W) or received a failing grade (F). A student may repeat a failed course until it is passed.
- Repeated coursework may be included when determining enrollment status in a term-based program if a student needs to meet an academic standard for a particular passed course, such as a minimum grade. Ex: Student received a D in a course that requires a minimum grade of C for his or her major.

Examples of repeated coursework that **may not** count toward a student's enrollment status for the purpose of determining federal financial aid eligibility are listed below:

- Retaking a passed course more than once. If a student receives a D in a course and decides to repeat the course to improve his or her GPA, he or she may repeat this passed course one time. However, if the student wants to repeat it a second time, the course would not count toward the student's enrollment status.

Additional Information

All repeated courses affect financial aid satisfactory academic progress calculations, regardless of whether the student received financial aid or not, all repeated coursework must be counted as attempted credits.

Certain course descriptions listed in the Salisbury University Catalog may state that a specific course "must be repeated for degree" or "may be repeated for credit if content differs"; a student may receive financial aid for these courses, regardless if a passing grade has been received, as long as the course content is different. This regulation applies whether or not the student received aid for the earlier enrollments in the course.

AUDIT POLICY

Courses that are audited do not count toward required enrollment for financial aid purposes.

FINANCIAL AID PROGRAMS

Federal Grants and Loans

► Federal Pell Grant

The Federal Pell Grant is an entitlement program for undergraduate students who have not earned a bachelor's degree. Federal Pell Grants are considered a foundation of federal financial aid, to which aid from other federal and nonfederal sources might be added. Eligibility is dependent on the results from filing the Free Application for Federal Student Aid (FAFSA). The maximum Pell Grant award is \$5,730 and is dependent on enrollment status as full or part time.

► Federal Perkins Loan (FPL)

The Federal Perkins Loan is a low-interest (5 percent) loan for undergraduate students with exceptional financial need. Award amounts can range from \$200 to \$3,000 per year depending on the availability of funding. Payments on the loan are deferred while a student is enrolled at least half time. When enrollment ceases or is less than half time, the student will be placed in a nine-month grace period before payments begin. The school is the lender for the Federal Perkins Loan. As students repay borrowed funds, additional funds become available to lend to other students.

► Federal Supplemental Educational Opportunity Grant (FSEOG)

The Federal Supplemental Educational Opportunity Grant (FSEOG) program is for undergraduate students with exceptional financial need. Students eligible for the Federal Pell Grant receive priority consideration for the FSEOG. Awards amounts range from \$100 to \$1,000 per year.

► Federal Work Study (FWS)

The Federal Work Study Program provides jobs on and off campus to degree-seeking students with demonstrated financial need. These jobs are usually assigned as part of the financial aid package. If possible, students are employed in positions related to their academic major or special interest. Students receive minimum wage and are paid every two weeks for hours worked.

► William D. Ford Federal Direct Student Loan Programs

Salisbury University participates in the William D. Ford Federal Direct Student Loan Programs (Direct Loan).

The Direct Loan enables degree-seeking students enrolled at least half time to borrow money directly from the federal government rather than private lending institutions (i.e., banks, credit unions). Loans can easily and quickly be obtained by submitting the Free Application for Federal Student Aid (FAFSA) and signing a Promissory Note. Undergraduate students can borrow up to \$5,500 per annum for the freshman year, \$6,500 for the sophomore year and \$7,500 for the third through fifth year. Graduate students can borrow up to \$20,500 per annum. Repayment begins six months after recipients drop below six credits.

Parents also may borrow through the William D. Ford Federal Direct PLUS Program. Parents may borrow up to the cost of attendance at the institution minus other estimated financial assistance for the student. Parents may choose to defer payments until six months after the date the student ceases to be enrolled at least half time. Accruing interest could

either be paid by the borrower monthly or quarterly, or be capitalized quarterly. Parents must complete a promissory note.

Information on the William D. Ford Federal Direct Student Loan Programs is available in the Financial Aid Office.

► Salisbury University Fund

The Salisbury University Fund is for full-time, first bachelor's degree-seeking undergraduate students who have established financial need by completing the Free Application for Federal Student Financial Aid. These grants are usually awarded in combination with other financial aid awards, considering academic performance and financial need.

► Veterans' Benefits

Financial aid is available for veterans and their dependents who are eligible for GI benefits. These benefits are processed by the Salisbury University Office of Veteran Affairs, located in the Registrar's Office.

► Work Experience

Campus employment is available through the Work Experience Office. Students can apply for jobs without having to apply for financial aid and are hired based on job availability and skills.

Maryland Higher Education Commission Programs

► State Scholarships

The State of Maryland each year awards **Guaranteed Access grants, Rawlings Educational Assistance grants, House of Delegates and Senatorial scholarships** to legal residents of the state. To apply, students need to complete the FAFSA.

The application deadline is March 1 for the following academic year.

For a list of all State of Maryland scholarships go to www.mhec.state.md.us.

UNDERGRADUATE SCHOLARSHIPS

In addition to the following scholarship information, additional detail on scholarship policies is located at www.salisbury.edu/finaid/scholarship/policies.

Salisbury University is pleased to recognize the accomplishments of its most outstanding students with academic scholarships. Each year, the University awards over one million dollars in scholarships to freshman recipients who demonstrate outstanding potential for college success through their high school performance and results on the Scholastic Assessment Test (SAT) or ACT.

Many of the scholarships are from Salisbury University Foundation's endowments for the Charles R. and Martha N. Fulton School of Liberal Arts, the Richard A. Henson School of Science and Technology, the Franklin P. Perdue School of Business, the Samuel W. and Marilyn C. Seidel School of Education and Professional Studies, and the Alan and Patti Guerrieri Scholarship Fund. (See "Note" below.)

For entering freshmen, the application for admission serves as the application for academic scholarships. Following their admission, scholarship recipients are notified of academic awards. Some scholars will be selected to apply for prestigious

named scholarships based on their academic credentials, intended majors and geographic regions. The details of actual funding sources for freshman scholarship awards will be provided at the conclusion of the scholarship and financial aid process in late spring.

To determine eligibility for the list of undergraduate scholarships, refer to these codes following the scholarship name:

- F - Scholarships for Entering Freshmen
- C - Scholarships for Current Undergraduate Students
- B - Scholarships for Both Entering Freshmen and Current Undergraduate Students
- T - Scholarships for Transfer Students

► Andes Family Scholarship (C)

The Andes Family Scholarship is awarded to a student in the Seidel School of Education and Professional Studies in the Department of Teacher Education or Education Specialties. This scholarship funds in-state tuition for one student each year and is non-renewable. To be eligible for consideration students must be Maryland residents at senior grade level in the capstone or internship phase of their program and be enrolled full time in a teacher education program. The recipient must also have a cumulative 3.5 GPA or higher and have demonstrated financial need as evidenced by the FAFSA. The Financial Aid Office Scholarship Committee selects the recipient.

► Art Department Scholarships (F & T)

The Art Department offers a limited number of merit-based scholarships each year to accepted full-time freshmen or transfer students majoring in art. Scholarships are available with the opportunity to renew the following year.

► Thomas E. Bellavance Honors Scholarship (F)

This scholarship in memory of President Thomas E. Bellavance (1980-95) is made to an incoming freshman with outstanding credentials. To apply for the scholarship a student must apply for admission to the University by February 1 with an intention of participating in the Bellavance Honors Program. The scholarship is renewable with maintenance of a 3.3 grade point average and continued enrollment as a Bellavance scholar. The recipient is selected by the director of the Honors Program.

► Nettie C. Bentley Scholarships (B)

The Music, Theatre and Dance Department offers the Nettie C. Bentley Scholarships which are available, on a competitive basis, to students who are accepted or previously enrolled as candidates for the B.A. in music at Salisbury University. Scholarships are awarded annually. To qualify for consideration, applicants must audition according to the Music, Theatre and Dance Department requirements for the B.A. degree. Evidence of academic achievement is assessed through evaluation of applicants' high school or college/university transcripts. Applicants must submit an essay of not more than 500 words discussing career goals in music, and two sealed letters of recommendation from individuals qualified to assess the students' musical abilities. The application deadlines coincide with the deadline for department entrance auditions or March 14, whichever comes first. Students may reapply annually.

Note: Salisbury University reserves the right to adjust any institutional scholarship monies if scholarship awards are in excess of the published cost of attendance.

► Beta Gamma Sigma Scholarship (C)

This \$1,000 scholarship is awarded to a junior, senior or master's student. The chapter may select a current chapter member, an alumnus of the chapter or a student who will be invited to become a Beta Gamma Sigma member during the spring of the nominating year. Each chapter's scholarship recipient must complete the Beta Gamma Sigma scholarship application, including the required essay. Funding for this scholarship is from the Beta Gamma Sigma Society and the dean of the business school. Please see the Perdue School for details.

► Bobbi Biron Theater Scholarships (F)

The Bobbi Biron Scholarship is awarded to an incoming freshman who has achieved a 3.0 high school GPA and shown outstanding dedication and promise in theatre. An audition and interview are required for performances and a review of a portfolio review and interview is required for designers/technicians. Recipients may qualify for scholarship renewal if the achievement are met, including a 3.0 GPA and participation in theatre productions. Contact the Music, Theatre and Dance Department for more information.

► Claude Bowdle Nursing Scholarship (C)

The Claude Bowdle Nursing Scholarship recognizes an entering first-degree junior nursing major or entering second-degree nursing major. Minimum qualifications include the following: must be enrolled full time in the nursing program, be in good standing in the department and Henson School with a GPA of 3.00 or better, and demonstrate financial need. Preference is given to applicants who are residents of Wicomico, Dorchester, Worcester or Somerset counties. Further information is available from the Nursing Department.

► Clinton Bradway Jr. Scholarship (C)

This scholarship is awarded to a junior or senior education major. Recipients of this renewable scholarship must meet the following criteria: be a resident of Dorchester County, agree to teach in Dorchester County upon graduation—one year for each year of funding* and be admitted into the Professional Teacher Education Program at Salisbury University. Verification of financial need must also be submitted (FAFSA).

*Note: Failure to fulfill the county teaching obligation will result in recipient's obligation to return the scholarship funding plus 10 percent APR interest within five years.

► Brunkhorst Nursing Scholarship (C)

This Brunkhorst Nursing Scholarship annually recognizes a junior level first degree nursing major who is academically gifted and demonstrates outstanding potential for a career in nursing. Minimum qualifications include junior level status as of the upcoming fall semester, a minimum cumulative GPA of 3.0, permanent residence of the Eastern Shore of Maryland and demonstrated financial need. The applicant must submit a completed application form, two letters of recommendation—one of which must be from a nursing faculty member, along with a letter stating the basis for financial need.

The Student Policies Committee reviews applicants and selects the recipient of this one-year scholarship. Information is available from the Department of Nursing.

► Garland D. and Vivian J. Bull - Arcadia High School Scholarship (F)

The Garland D. and Vivian J. Bull - Arcadia High School Scholarship was established to provide financial assistance to a student from Arcadia High School. The recipient should have demonstrated high academic achievement and a commitment

to community service. Inquiries regarding the availability of the scholarship should be directed to the director of financial aid.

► Garland D. and Vivian J. Bull Nursing Scholarship (C)

The Garland D. and Vivian J. Bull Nursing Scholarship recognizes an academically gifted nursing student who has demonstrated financial need. Minimum qualifications are as follows: a junior/senior traditional or registered nurse student with at least a 3.0 grade point average; a letter of application to the Student Policies Committee, Department of Nursing; a statement of financial need; a self-evaluation of potential for professional nursing and service; and two recommendations, at least one of which must be from a nursing faculty member.

The Student Policies Committee selects recipients of the scholarship, awarded annually for the following academic year. Information is available from the Department of Nursing.

► Thomas and Jeanne P. Bulleit Scholarship (C)

The Thomas and Jeanne P. Bulleit scholarship is awarded to a junior or senior student enrolled in an elementary education major in the Seidel School at SU. Student must be a Maryland resident with demonstrated financial need and have a cumulative GPA of 3.0 or higher. The award is renewable for up to two academic years and is awarded through the Seidel School of Education and Professional Studies.

► Burke Family Information Systems Scholarship Program (C)

The scholarship recognizes an information systems major who has demonstrated outstanding potential in the information technology field. The \$500 scholarship is nonrenewable and is awarded to a rising sophomore or junior in good standing in the Perdue School of Business. Students must be full time and have a minimum 3.0 GPA in all college work already completed, including transfer work, if any. Particular consideration is given to students that are actively involved with information systems and technology and are interested in becoming a business analyst, technology specialist, project manager or information technology consultant.

► Byron Scholarship (F)

These scholarships assist deserving students from Dorchester County, MD, who demonstrate leadership qualities, entrepreneurial inclination, a desire to pursue a degree from Salisbury University and the wish to return to Cambridge some of the benefits of their education. This award is not necessarily given on the basis of high scholastic rank or financial need. Details may be obtained from the Admissions and Financial Aid offices.

► Cahall Scholarship (F)

The Clifford and Elizabeth Cahall Scholarship was established by Sam and Lynn Seidel in honor of Lynn Seidel's parents, Clifford and Elizabeth Cahall. The scholarship is awarded to a Sussex County, DE, high school graduate. Although any Sussex County graduate is considered, first priority is given to a graduate of Indian River High School and second priority is given to a graduate of Sussex Central High School.

The scholarship is awarded annually to a student with a minimum 3.0 grade point average. Class rank, SAT scores and financial need are considered. Provided recipients maintain a 3.0 grade point average, the scholarship will continue throughout the four years at SU. The selection committee from the Admissions/Financial Aid offices determines the applicant pool and the recipient by March 1 of each year.

► Calafiura Scholarship (C)

This \$1,500 scholarship is awarded to a full-time senior or rising senior accounting major for his/her final one or two semesters. Students must have completed, or be in the process of completing at the time of application, the following courses: two principles courses, two intermediate courses and one elective accounting course. The student must be eligible with and maintain a minimum of a 2.8 overall GPA, with a minimum 3.0 GPA in all accounting courses. The most recent completed semester's GPA will be utilized. Interested applicants must apply in writing to obtain consideration for this scholarship. Applications may be obtained from the Accounting Department chair of the Perdue School.

► Cannon Scholarship (F)

The Elizabeth Cannon Memorial Scholarship is for entering freshmen who have excelled academically in high school. Priority is given to a high school graduate with a genuine need for financial assistance from Caroline County or the other eight Eastern Shore counties in Maryland.

For consideration, students must apply for admission to the University by February 1. Applicants who meet the scholarship criteria are informed of their eligibility by the dean of enrollment management.

The scholarship may be renewed for a maximum of four years, provided the student maintains a 3.3 grade point average each semester.

► Carey-Simmons Education Scholarship (C)

This scholarship is awarded to a full-time student pursuing a career in public school education in Maryland. To qualify, applicants must have been residents of the Pittsville, Willards, Powellville or Gumboro election district of Wicomico County, MD, for at least five years and must have completed two years of successful undergraduate study. Applicants are judged on merit, achievement and potential. The Education Scholarships/Awards Committee selects recipients of the scholarship in March for the following academic year. Information and online application are available on the Seidel School home page.

► Rochelle M. Clarke Scholarship (C)

Rochelle M. Clarke was a graduate of the Perdue School of Business at Salisbury University and has established two distinct scholarships to provide financial assistance for high-achieving students majoring in business-related fields. The recipient of each of the scholarships must be admitted as a full-time student to the Perdue School of Business at a junior or senior grade level, have a cumulative GPA of 3.5 or higher and must demonstrate financial need as evidenced by the FAFSA. The first recipient must also be matriculated into the Thomas E. Bellavance Honors Program. The second recipient must be an international student with a declared double major with at least one major being in the Perdue School of Business. Both scholarships are awarded for \$750 for the academic year and may be renewed for one additional year provided the recipient still meets the eligibility criteria.

► Class of 1943 Scholarship (C)

The Class of 1943 Scholarship was established to provide funding for a rising junior education major. The scholarship is awarded for two successive years to a student majoring in education in the Seidel School of Education and Professional Studies. The selection committee from the Seidel School and the Financial Aid Office determines the applicant pool and recipient each year.

► Class of 1958 Scholarship (C)

The Class of 1958 Scholarship provides scholarships for teacher education majors within the Seidel School of Education and Professional Studies. Requirements for consideration include demonstrated financial need, junior or senior status, and a minimum cumulative grade point average of 3.0. Preference is given to students who are related to a Class of 1958 graduate or alumnus.

► Christopher Scholars Program in Education (B & T)

The Christopher Scholars Program provides scholarships to full-time students majoring in education with a 3.30 minimum grade point average in high school and/or a junior professional program student with a minimum 3.5 cumulative grade point average who has financial need (established by completing the Free Application for Federal Student Aid by March 1). The scholarship may be renewed provided the recipient remains an education major with a minimum 3.3 grade point average and has continued financial need.

► Irving and Sylvia Cort Scholarship (F)

The Irving and Sylvia Cort Scholarship in chemistry was established by Bruce Cort in honor of his parents, Irving and Sylvia Cort. The award is given annually to a first year chemistry major based on academic excellence in high school. This scholarship is \$1,500 per year for a maximum of four years, provided the student is full time, maintains a cumulative GPA of at least 3.0 and makes satisfactory progress toward a chemistry degree. In addition, each Cort Scholar will be named a Chemistry Department Research Fellow and receive a grant of \$250 per year to support student-faculty research. The chemistry faculty selects the Cort Scholar from a pool of candidates provided by the dean of admissions.

► Daly Computers, Inc. Scholarship (C)

The Daly Computers, Inc. Scholarship is awarded to sophomore, junior or senior students at SU who have a cumulative GPA of 3.0 or higher and have encountered an unexpected financial hardship. The scholarship is non-renewable and recipients are chosen through an application process overseen by the director of financial aid.

► Gaspar and Rose T. DiGiovanna Memorial Geriatric Nursing Scholarship (C)

The Gaspar and Rose T. DiGiovanna Memorial Geriatric Nursing Scholarship recognizes a first-degree seeking, junior nursing major who has demonstrated a sincere interest in caring for elders, as well as a caring, compassionate and sensitive manner with older adults and their families. Minimum qualifications are a cumulative GPA of at least 2.50 and demonstration of a high likelihood of successfully completing the nursing program (including all the requirements for licensure) and working with the geriatric population as a professional nurse.

The Student Policies Committee selects the recipients of the scholarship. Information is available from the Department of Nursing.

► Director's Fellowship (F)

The Director's Fellowships were established to recognize exceptional incoming freshman students who demonstrate outstanding academic achievement and the promise for leadership and success on the Salisbury University campus. Fellowships range from \$1,000 to \$2,000 and are renewable a total of four years. For consideration, applicants need to apply to the Thomas E. Bellavance Honors Program using the online application. Students are selected based on their academic

accomplishments, as well as an additional essay. Recipients are decided by the Honors Admissions Committee, comprised of the director and assistant director of the Thomas E. Bellavance Honors Program and the director of Admissions. Director's Fellows receive priority placement in one of the Honors Program's freshman Living Learning Communities. Students are required to maintain a 3.25 GPA and remain active in the Honors Program, demonstrating successful progress toward graduating with full University honors. They are recognized each year at the Honors Spring Banquet and their names appear on a large plaque that is publicly displayed in the Honors Center.

► Dolle Scholarship (C & T)

The Dolle Scholarships, in the amount of \$1,000 each, are one-year scholarships awarded annually to two rising juniors pursuing majors in the Perdue School of Business. One scholarship is awarded to an SU student, the other to an incoming transfer student. Both students must have 60 credits and be eligible for admission to one of the upper division (professional) programs in the Perdue School. They must be full-time students with a minimum overall grade point average of 3.25 in all college work already completed.

Students who are recipients of any other Perdue School tuition assistance scholarships are not eligible for the Dolle Scholarships. Students must submit written applications (available from the Perdue School) and two letters of recommendation. Retention of the scholarship requires maintenance of a 3.25 GPA.

► Dudley-Eshbach Study Abroad Scholarship Program (C)

The Dudley-Eshbach Study Abroad Scholarship provides \$1,000 in funding to a student who is studying abroad in a Spanish-speaking country in Latin America. The program must be a minimum of four weeks in duration and can take place in any term. Requirements for consideration include: declared major or minor in Spanish or Latin American studies, demonstrated financial need, and a minimum cumulative grade point average of 3.0. Interested students must apply through the Center for International Education by July 1 for the following academic year.

► Edwards Nursing Scholarship (C)

The Virginia Mills Edwards Nursing Scholarship recognizes and funds students who desire to become registered nurses. Minimum qualifications include junior or senior standing; priority is given to residents of Dorchester (first), Somerset (second) and Wicomico (third) counties and licensed practical nurses or medical technicians (fourth, with priority given to Dorchester General Hospital employees). Letters of application should be submitted to the Virginia Mills Edwards Scholarship Board, with an essay stating in no less than 300 words the qualifications of the applicant.

The Virginia Mills Edwards Scholarship Board awards scholarships annually for the next academic year. Information is available from the Department of Nursing.

► Thomas G. Elliot Orchestral Scholarship (B)

The Thomas G. Elliot Scholarship, in the amount of \$1,000, will be awarded to students who are accepted or previously enrolled at Salisbury University. The awards are made on the basis of talent and are renewable for up to four years. All students must audition with the conductor of the orchestra and the orchestra player's committee. String students will be highly encouraged. Students from all majors are invited to apply. All students accepting this scholarship

award must meet the following criteria: be a full-time student at Salisbury University; play and be enrolled in the orchestra for credit each semester; be enrolled in applied lessons at the University on their instrument; and maintain an overall grade point average of 3.0. Incoming freshman should have an overall grade point average of 3.0 in their senior year of high school.

► Elmore Scholarship (B)

The Margaret Johnson Elmore Nursing Scholarship recognizes academically gifted pre-nursing/nursing majors who demonstrate potential for professional nursing leadership and service. Criteria for eligibility are "scholastic ability" first and "financial need" second.

Recipients must be residents of Accomack or North Hampton counties, VA, and must maintain an SU grade point average of 2.5 each academic year. Priority is given first to full-time freshman pre-nursing majors with a cumulative high school GPA of 3.0 on a 4.0 scale and a designated standardized test score (recipients must be granted and accept admission to the nursing program for the first semester of their junior year to maintain scholarship eligibility; receipt of said scholarship does not ensure admission to the nursing program); second to full-time junior nursing majors admitted to the nursing program; and third to full-time senior nursing majors in the final year of the nursing program.

Letters of application should be submitted to the Margaret Johnson Elmore Scholarship Committee with two letters of recommendation and a written statement by the applicant of financial need. The committee awards scholarships annually for up to four years. Information is available from the Department of Nursing.

► Stephen Michael Emery Scholarship (C)

Established by Barbara and Charles Emery in memory of their late son, Stephen Michael Emery, this \$500 scholarship is awarded annually to a student of senior status majoring in social work. Applicants must have a cumulative GPA of 3.0 or greater when entering their senior year. Preference shall be given to students from the Eastern Shore of Maryland. This scholarship is non-renewable.

► Ensemble Scholarship (C)

The Fulton School of Liberal Arts is offering as many as 15 \$200 scholarships each fall semester to students wanting to have some fun singing or playing an instrument in a music ensemble. The Music, Theatre and Dance Department currently has five large ensembles to choose from, and they are open to any student with prior musical experience.

All majors from any discipline are eligible for these scholarships provided they agree to remain enrolled in the course and complete all requirements for the duration of the semester. Awards will be decided based on an audition. Students interested in applying should contact the Music, Theatre and Dance Department.

► Fire and Rescue Service Survivors Educational Scholarship (B)

Salisbury University and the Salisbury Fire Department offer a scholarship opportunity in support of the surviving legal dependents of fire and rescue personnel. Scholarships are awarded to surviving legal dependents of the 343 members of the New York City Fire Department killed in the line of duty on September 11, 2001, or any surviving dependent of a Maryland, Delaware or Virginia fire/rescue member killed in the line of duty or, any dependent of an active, retired or life member of the Salisbury Fire Department.

Scholarships will be awarded to students attending SU

either on a full- or part-time basis, regardless of academic concentration. Scholarships will be offered on an annual basis, based on availability of funds, and are renewable. Information is available from the Financial Aid Office.

► First Generation Scholarship (F)

The Coca-Cola Foundation has established a \$1,000 scholarship to be awarded annually to a student who may come from a disadvantaged background, is a first generation college student, shows potential for overcoming personal obstacles in the pursuit of higher education and has financial need as determined by the FAFSA. Renewal of the scholarship for three additional years is based on maintaining a 2.5 GPA or better. The selection committee from the Admissions and Financial Aid offices determines the applicant pool and the recipient each year.

► A.L. Fleming Memorial Scholarship (C)

This \$500, one-year scholarship is awarded to two juniors pursuing a major in the Perdue School of Business. The student must have 60 credits completed and be eligible for admission to one of the upper-division (professional) programs in the Perdue School. They must be a full-time student with a minimum overall GPA of 3.5 in all college work already completed. This student will have demonstrated outstanding leadership potential and exceptional academics. Students must submit a written application found online at www.salisbury.edu/perdueadvising/Scholarships/index.html and letters of recommendation to the Perdue Advising Services coordinator.

► William M. Folger Scholarship (B)

The William M. Folger Scholarship was created in the name of the director of choral studies at Salisbury University. An anonymous donor made the initial endowment to start the scholarship program to recognize Folger's effort and dedication in bettering the music programs at Salisbury University. At present, the Folger Scholarship, instituted in June 2005, awards \$300 each semester to a student participating in the University Chorale, one of five major performing ensembles in the Music, Theatre and Dance Department. The scholarship is awarded by audition by the director of choral studies and with the approval of the dean of Fulton School of Liberal Arts. Eligible students may be from any major of study, participate in the University Chorale during the semester of the award and complete the audition process. Contact the Music, Theatre and Dance Department for more information.

► Fondes Scholarship (C)

The Robert Parker Fondes Scholarship annually recognizes an outstanding nursing student with a minimum high school grade point average of 3.0 who has gained admission to Salisbury University's nursing program. Recipients are selected by the Fondes Scholarship Committee. Information is available from the Department of Nursing.

► Sarah Foxwell Memorial Scholarship (B)

The Sarah Foxwell Memorial Scholarship was established to provide scholarships for current and future generations of students majoring in social work in memory of Sarah Foxwell. Requirements for consideration include demonstrated financial need, a cumulative 3.0 grade point average (high school average if awarded as an incoming freshman) and pursuance of a degree in social work. Residents of Wicomico County are given first priority for funding followed by residency within the State of Maryland. Awards are renewable for up to four years provided the

recipient continues to meet the eligibility requirements.

► France-Merrick Foundation Scholarship (F)

This scholarship has been established to assist students who are Baltimore City residents and intend to major in education as full-time students. The scholarship recipient will be expected to perform their student teaching internship in Baltimore City public schools. The selection committee from the Admissions and Financial Aid offices determines the applicant pool and the recipient each year.

► Wallace Q. French Memorial Scholarship (C)

The Wallace Q. French Memorial Scholarship is a two-year, \$2,000 per-year award given annually by the Tidewater Environmental Health Association in memory of their colleague Wallace Q. French. Applicants must be junior/senior natural science majors with an overall grade point average of at least 3.0.

Eligible candidates are notified by letter and must submit the application accompanied by a short essay discussing career goals in the science field. Recipients are selected by the Tidewater Environmental Health Association and the faculty of the Henson School of Science.

► Joann and Chester Fritts Scholarship (C & F)

The Joann and Chester Fritts Scholarship is awarded on an annual basis to an incoming or current Salisbury University student who is a resident of Wicomico, Somerset or Accomack, VA, counties. Students must be enrolled full time, have a 2.5 GPA or higher and must have demonstrated financial need as evidenced by the FAFSA. Preference given if the student attends Immanuel Baptist, Christ United Methodist, St. Francis de Sales or Beth Israel Synagogue – all in Salisbury, MD. Students can apply for this scholarship by completing a brief application, along with written confirmation that they are an active member of one of the religious congregations above to SU Financial Aid Office.

► Fulton Scholarship (F)

The Charles R. and Martha N. Fulton School of Liberal Arts awards a number of \$2,000 and \$3,000 scholarships based on outstanding scholastic achievement to entering freshmen. To be considered for an award a student must be full time and declare a major in one of the departments of the Fulton School and have a grade point average of 3.30 and a designated standardized test score. Awards are renewable each year, provided the student remains a major in a liberal arts department, is full time and maintains a 3.3 grade point average.

► Geary Communication Scholarship (C)

The \$500 Geary Communication Scholarship is awarded at the beginning of the fall semester. Applicants must be declared communications arts majors of junior or senior standing with a minimum cumulative GPA of 2.5. All applicants must provide proof of at least one semester working on a Salisbury University campus newspaper, radio station or campus programming board. Illustration of financial need and proof of U.S. citizenship are also required. Contact the Communication Arts Department for more information.

► Gary C. Gimbert Memorial Scholarship Fund (F)

The Gary C. Gimbert Memorial Scholarship is a \$1,000 award to incoming Perdue School freshmen with financial need, a high school grade point average of at least 2.5 and a designated standardized test score. Continuance is for four years, pending availability of funds, as long as recipients maintain a major in the Perdue School, at least a 2.5 grade point average and demonstrate financial need.

► Taylor Goetzke Scholarship (F)

The Taylor Goetzke Scholarship was established to provide scholarship funding to an incoming student from Broadneck High School in Annapolis, MD, in memory of Taylor Goetzke. The recipient must demonstrate financial need. The scholarship is renewable for a total of four years provided the recipient maintains a minimum 3.0 cumulative grade point average at Salisbury University.

► Guerrieri Scholarships (F)

The Alan and Patti Guerrieri Scholarship fund provides academic scholarships for first-time freshmen entering the University. Minimum requirements are a 3.30 grade point average and a designated standardized test score. Scholarships range from \$1,000 to \$2,000 per year and do not exceed four years. Recipients must maintain a 3.0 grade point average for continuation.

► Avery Hall Nursing Scholarship (C)

The Avery W. Hall Nursing Scholarship annually recognizes nursing students thought to be highly motivated, hardworking, enthusiastic and dedicated to the profession of nursing. Minimum qualifications include the following: minimum college GPA of 2.5; full-time junior- or senior-level traditional or registered nurse student; letter of application to the Student Policies Committee, Department of Nursing; and two letters of recommendation.

Recipient selection is by the Student Policies Committee. Information is available from the Department of Nursing.

► Henry H. "Buddy" Hanna Memorial Award (C)

For students interning in the Maryland State Legislature, a \$100,000 scholarship fund has been established by Henry H. Hanna III and Dara Hanna, his wife. The award honors Hanna's father, a community activist and long-time legislator from the Eastern Shore. Awarded to SU juniors and seniors with a minimum 3.0 GPA, the scholarship helps students from Salisbury and the Eastern Shore who face the added expenses of travel and living arrangements in order to apply and successfully take part in legislative internships.

► Henson Scholarships (B & T)

The Richard A. Henson School of Science and Technology annually awards three scholarships to incoming freshmen (one for \$3,000 and two for \$2,000). Students must declare a major in one of the departments of the Henson School and must have a record of accomplishment and service (minimum high school grade point average of 3.3 and a designated standardized test score for the \$2,000 award and a grade point average of 3.5 and a designated standardized test score for the \$3,000 award).

Two additional \$2,000 scholarships are awarded annually to juniors in the Henson School (transfer students entering their junior year are eligible to apply for these awards). To qualify, students must have a minimum grade point average of 3.3 and must receive recommendations from the department of their major (transfers must have three letters supporting their applications).

Henson Scholarships are renewed each semester provided that the awardees remain in the Henson School and maintain a minimum grade point average of 3.3 for the \$2,000 scholarship or 3.5 for the \$3,000 scholarship.

► Holland Business Scholarship (C)

The \$2,000 W. Tracy and Frances Lord Holland Scholarship is awarded annually to a rising junior or senior in good standing in the Perdue School of Business who has a

demonstrated financial need and is a resident of Wicomico County. This award is renewable, pending the availability of funds, based on maintenance of the above criteria. Students must submit written applications (available from the director of academic services for the Perdue School of Business) and two letters of recommendation.

► Hooper Scholarship (B)

The David Yuri Hooper Scholarship was established by David and Wilma Hooper to honor the excellent education received by their son who graduated from Salisbury University in 1994. It provides \$1,000 scholarships for students with a minimum GPA of 3.0 from single-income families demonstrating financial need. Scholarships are renewable annually provided recipients continue to meet the eligibility criteria. Preference is given to students majoring in biology, but in the event that there are no qualified biology applicants, students majoring in any other department of the Henson School are considered. Eligible candidates are notified by letter and must submit a two-page essay explaining their need and demonstrating that they are of good moral character. Recipients are selected by the deans of the Henson School and Enrollment Management.

► Institute for Retired Persons (IRP) Scholarship (C)

The Institute for Retired Persons (IRP) provides scholarships for majors in liberal arts and early childhood, elementary and secondary education. Full-time students with a cumulative GPA of 2.85 or higher are encouraged to apply. The number of scholarships may vary. The Education Scholarships/Awards Committee selects recipients of scholarships in March for the following academic year. Information and online application is available on the Seidel School home page.

► Penelope Jarman Memorial Scholarship (C)

The Penelope Jarman Memorial Scholarship is awarded to a junior early childhood education major who has a minimum GPA of 2.75, a designated standardized test score and demonstrates financial need. The Education Scholarships/Awards Committee selects recipients of scholarships in March for the following academic year. Information and online application is available on the Seidel School home page.

► Johnson Scholarship in Education (F)

A \$600 Evelyn E. Johnson Scholarship is given to a female resident of Dorchester County who is majoring in education. The initial scholarship is awarded to a freshman and may be renewable for the entire four-year period provided the student maintains the standards developed by the Financial Aid Office and the Seidel School of Education and Professional Studies. The decision is made by the dean of the Seidel School.

► Wayne and Melissa Judkins Family Scholarship (F)

The Wayne and Melissa Judkins Family Scholarship Fund provides scholarship funding for a freshman Maryland resident. Preference is given to students who pursue majors within the Perdue School of Business or the Seidel School of Education and Professional Studies and who are graduates of Magruder High School, residents of Montgomery or Cecil counties, or residents of other Maryland counties.

The scholarship is awarded based on high school GPA, SAT scores, county of residence and intended academic

program. The scholarship is renewable provided the student remains in good academic standing at SU. The selection committee from the Admissions and Financial Aid offices considers qualifications of applicants based on admissions information and notifies the recipient by March 15 of each year.

► James G. Kiefer Scholarship (F)

The Kiefer Scholarship provides scholarship(s) to students who are graduates of Wicomico County high schools. Preference will be given to those students who demonstrate financial need, as determined by the Free Application for Federal Student Aid, and have a 2.5 GPA, full-time attendance and demonstrated financial need. The selection committee from the Admission and Financial Aid offices will determine the applicant pool and recipient(s).

► K & L Microwave, Inc. Scholarship Program (C)

The K & L Microwave, Inc. Scholarship Program at Salisbury University provides scholarship funding to junior- and senior-level students majoring in math, computer science, physics, chemistry or information systems. Students must be full time and have a minimum cumulative grade point average of 3.0. The scholarship program provides \$3,000 in funding for both the junior and senior year, with a 20-hour-per-week, 10-week paid internship with K & L Microwave, Inc. during the summer between the junior and senior year. The paid internship provides an additional \$3,000 in funding, making the full benefit of the program \$9,000 per recipient. The application process for the scholarship is handled through the Henson School of Science and Technology.

► Knowles Foreign Study Scholarship (C)

The John K. Knowles Foreign Study Scholarship expands study abroad opportunities for students studying a foreign language at Salisbury University. Students must be at the sophomore rank or above, provide evidence of financial need and submit an application which describes their personal and academic goals and how they will be met by a study abroad experience. Preference will be given to foreign language majors and minors. Recipients sign a letter of intent to donate the scholarship amount back to the Alumni Association, designated for foreign study, within five years of the date of the award if at all possible. They are further expected to participate in related departmental activities upon their return to campus. The number of scholarships will vary, depending on the availability of funds. Applications and information are available from the Department of Modern Languages and Intercultural Studies.

► Carolyn Cramer Korn Scholarship (C)

The Carolyn Cramer Korn Scholarship is awarded to students from Carroll County, MD, who have been accepted into a major in a field of study in the Seidel School of Education at SU. Students must maintain a cumulative GPA of 3.2 or higher and meet all other requirements in order for the scholarship to be renewed.

► William G. and Betty B. Krieger Scholarship (B)

The William B. and Betty B. Krieger Scholarship provides financial assistance to needy and deserving students with preference given to graduates of Colonel Richardson High School. Students can be awarded as incoming freshmen or current students and must maintain satisfactory progress toward a degree and be enrolled full time to remain eligible for scholarship renewal.

► Dr. Charles K. Long Scholarship (C)

Established in the memory of SU education professor, Dr. Charles K. Long, this scholarship is awarded to a junior or senior education major in the Seidel School of Education and Professional Studies. The Education Scholarships/Awards Committee selects recipients of scholarships in March for the following academic year. Information and online application is available on the Seidel School home page.

► Ryan K. McDowell Memorial Scholarship (C)

The Ryan K. McDowell Memorial Scholarship is available to art majors of junior or senior status in the ceramics, glass, sculpture or 3-D tracks. Applicants must have a minimum grade point average of at least 2.50 with preference given to those with financial need. Information is available from the Art Department Scholarship Committee.

► Justin McJilton Memorial Scholarship (C)

The Justin McJilton Memorial Scholarship was established to provide a fitting and meaningful memorial to Justin McJilton. Justin was an active student at Salisbury University in the Perdue School of Business. He was an avid supporter and fundraiser for the American Cancer Society and twice co-chaired the SU Relay For Life. Justin passed away in 2009 at the age of 23 from complications associated with leukemia. To honor his memory, the scholarship was established to provide support for students whose lives have been touched by cancer. The \$500 scholarship will be awarded to a current student of promise at SU who has a cumulative GPA of no less than 2.0, but a cumulative 2.5 GPA or higher is preferred. Eligible students must submit the scholarship application available on the Financial Aid Office website and include an essay on how they have been touched by cancer. This is a non-renewable scholarship.

► Metzger Scholarship (F)

The Jack Metzger Scholarship Fund is made available by the American Legion Post 278 of Kent Island, MD. Priority for the \$1,000 scholarship goes to a freshman from Kent Island with second priority being a freshman from Queen Anne's County, MD.

To apply, students must apply for admission to the University by February 1. The selection committee from the Admissions and Financial Aid offices determines the applicant pool and the recipient(s) each year.

► Miller Memorial Scholarship (F)

The Heather Clair Miller Memorial Scholarship for \$1,000 benefits a female graduating senior from a Wicomico County, MD, public high school and, when appropriate, a female graduating senior from a high school in Worcester, Dorchester or Somerset counties. The recipient(s) must show academic promise, involvement in student activities, community service and financial need as determined by the Free Application for Federal Student Aid. The scholarship is renewable for three additional years provided the student maintains a minimum 3.0 GPA. The selection committee from the Admissions and Financial Aid offices will determine the applicant pool and recipient.

► Marshall Moore Scholarship (C)

The Marshall Moore Scholarship's purpose is to create a scholarship in perpetuity for a student with financial need. With preference given to non-traditional students, the recipient must also be a junior or senior and maintain a minimum of a 3.0 GPA. Students will be invited to apply by submitting a letter of recommendation from a Salisbury University faculty member

along with a biographical essay, which includes their activities while at SU and plans for the future. The award totals \$1,000 per academic year and may be continued for senior year if GPA is maintained.

► M&T Bank Scholarship (C)

The M&T Bank Scholarship provides funds to full-time students who demonstrate financial need, as determined by the Free Application for Federal Student Aid, and academic merit. The selection committee from the Financial Aid Office determines the applicant pool and the recipient(s) each year.

► Nock Memorial Scholarship (F)

The Mary L. Nock Memorial Scholarship provides \$1,000 to an entering freshman who has excelled academically, is a graduate from a Wicomico County, MD, high school and has financial need as determined by the FAFSA. Renewal of the scholarship for three additional years is based on maintaining a 3.3 GPA or better. The selection committee from the Admissions and Financial Aid offices determines the applicant pool and the recipient.

► Non-Resident Tuition Reduction for Nursing Students (B)

This program seeks to attract out-of-state students to the nursing programs in Maryland's four-year public institutions and to reduce the shortage of nurses in Maryland by requiring participants to work in a Maryland hospital or related institution for at least four years on a full-time basis upon completion of their nursing degree. The amount of assistance is the difference between the amount of tuition paid by an out-of-state student and the amount paid by an in-state student at the same four-year public institution in the same educational program for the identical number of credit hours. Information is available from the Financial Aid Office.

► Patt Scholarship (F)

The Gerald and Bette Jane Patt Scholarship is available to an incoming freshman majoring in theatre. The recipient may qualify for scholarship renewal if appropriate academic standards, including a 3.0 GPA, are met. Contact the Music, Theatre and Dance Department for more information.

► David L. and Carol M. Pearl Scholarship (C)

The David L. and Carol M. Pearl Scholarship is awarded to junior or senior students enrolled in a teacher education major in the Seidel School at SU. Student must have a cumulative GPA of 3.0 or higher and demonstrate financial need. Preference will be given to high school graduates of 1) Worcester, 2) Somerset or 3) other lower Eastern Shore counties. The award is renewable for up to two academic years and is awarded through the Seidel School of Education and Professional Studies.

► Peninsula Insurance Companies Scholarship (C)

The Peninsula Insurance Companies Scholarship for \$1,000 provides financial assistance to a high-achieving student in the Perdue School of Business. To be considered for this scholarship, students must be at the junior or senior grade level with a declared major in the Perdue School of Business, have a cumulative GPA of 3.0 or higher and have demonstrated financial need (FAFSA on file). The Perdue School of Business Scholarship Committee selects this recipient. This scholarship is non-renewable.

► Perdue Scholarships (F)

The Franklin P. Perdue School of Business awards a number of four-year scholarships based on outstanding scholastic achievement to entering freshmen. For consideration, students must have a designated standardized test score and a high school grade point average of 3.3 or higher. These minimum qualifications place them in a pool where they are then judged competitively. Recipients must maintain a 3.3 or better grade point average, complete at least 30 credits per year and pursue one of the majors in the Perdue School of Business.

► Phi Eta Sigma Scholarship (C)

The local chapter of Phi Eta Sigma awards scholarships to local members in their junior or senior year who have shown outstanding academic performance (cumulative grade point average of 3.5 or higher) and who have contributed significantly to the goals of the local chapter. Information is available from the Provost's Office.

► Phi Theta Kappa Scholarship (T)

Phi Theta Kappa Scholarships are awarded to both Maryland and non-Maryland residents. To be eligible, an applicant must be a current member of Phi Theta Kappa, apply for fall admission directly from the community college program, earn a minimum of 56 transferable semester hours with minimum GPA of 3.50, and submit the complete scholarship application by March 1. Applicant notification letter will be sent out by April.

Phi Theta Kappa Scholarships are renewable for the senior year, providing the recipient maintains a minimum GPA of 3.0 at SU. Students enrolling beginning in the spring semester, students who have earned a bachelor's degree, international students and students who will attend SU on a part-time basis are not eligible.

► Piepenbring Memorial Scholarship (C)

One scholarship is awarded annually from the Craig N. Piepenbring Memorial Fund to a rising sophomore or junior in good standing in the Perdue School of Business. Particular consideration is given to students actively involved in student activities on the SU campus. Applications are accepted for the award annually, pending availability of funds. However, if the current recipient is a sophomore, he/she may reapply as a junior and will be considered for a second year with all other applicants on a competitive basis. Students must submit written applications (available from the Office of the Director of Academic Services for the Perdue School of Business) and two letters of recommendation.

► Pohanka of Salisbury International Business Scholarship (C)

The Pohanka of Salisbury International Business Scholarship provides \$1,000 for current Salisbury University students in the Franklin P. Perdue School of Business to supplement the cost of their full-semester international study abroad program. To be considered, eligible students must be enrolled full time with a declared business school major and a cumulative GPA of 3.0 or higher. Students must submit an essay of 500 words or less summarizing their expectations and goals as it relates to their study abroad program. Applications for this scholarship are made available through the Perdue School of Business Global Programs Office. The director of Global Programs selects the recipient of this non-renewable award.

► Presidential Scholarships (F)

Each year, SU awards scholarships to entering full-time freshmen who have shown outstanding academic performance in high school, have excelled on the SAT or ACT, and have established a record of participation and leadership in extracurricular activities. To apply, students must apply for admission to SU. The recommended application deadline for consideration is January 15. This scholarship is renewable for up to eight semesters of study at the University provided that students remain enrolled full time, complete a minimum of 24 credits in an academic year and maintain a minimum 3.0 cumulative GPA. Students are automatically considered for this funding based on admission application data.

► Pritchett Controls Business Scholarship (C)

Pritchett Controls is an employee-owned local business specializing in developing energy-savings programs using green technologies. This scholarship is awarded to a deserving student in the Franklin P. Perdue School of Business. To be considered, the student must be in good academic standing in the school and enrolled full time with a minimum GPA of 2.5. The candidate must have demonstrated financial need as evidenced by FAFSA. This is a non-renewable scholarship. The scholarship committee within the Perdue School selects the recipient.

► Scott N. Ralston Memorial Scholarship (C)

This is a \$1,000 scholarship awarded to a junior economics major enrolled in the Perdue School of Business. If there is no eligible economics major in a given year, then students in finance or business administration with a track in economics will be considered. Students must have completed 60 credits, be full-time student and have a minimum 3.3 overall GPA in all college work already completed, including transfer work, if any. If the students being considered are finance or business administration majors in the economics track, they must be admissible to the upper division program.

Students who meet minimum eligibility requirements will receive applications, with instructions about the application procedure, from the Perdue School of Business, pending availability of funds. The scholarship is renewable for a second year, based on maintenance of a 3.3 GPA or above and a major in the Perdue School of Business as cited previously.

► Mary Ann Reinhold-Praley Maryland Teachers Scholarship (C)

Mary Ann Reinhold-Praley was a teacher/administrator for 30 years in the Maryland public school system. The purpose of this fund provides scholarships and pays for books and other expenses incurred by students who are admitted to SU with the intention of obtaining a degree in teacher education and subsequently teaching in the Maryland public school system. To be eligible, students must be enrolled full time in a teacher education major, have a cumulative 3.0 GPA and be in good academic standing. This is a non-renewable scholarship.

► Orpah Lee Rommel Scholarship for Education (C)

The Orpah Lee Rommel Scholarship for Education provides scholarships for current and future generations of students in the Seidel School of Education and Professional Studies at SU. To be eligible, a student must be in good academic standing in the Seidel School and must be a Teacher Education Department major with a minimum cumulative GPA of 3.0 or higher. Preference is given to students from the Lower Eastern Shore of Maryland in

Wicomico, Worcester and Somerset counties. Students must have demonstrated financial need as evidenced by FAFSA. Applications for this scholarship are available in the Dean's Office of the Seidel School. Awards can be renewed for up to four years as long as satisfactory academic progress is met in addition to the above criteria listed. The Seidel School Scholarship Committee chooses the recipient.

► Salisbury Rotary Club Award (F)

This \$500 scholarship is awarded to two students pursuing one of the majors in the Perdue School of Business. It is awarded initially to an incoming freshman who has graduated from a high school in Wicomico, Worcester, Dorchester or Somerset counties; has shown evidence of financial need; has an overall high school grade point average of 3.0 or better and has attained a competitive combined score on the SAT. Renewal for succeeding years, pending availability of funds, is based on continuing in the Perdue School major and maintaining a 3.0 or better grade point average.

► Salisbury University Alumni Scholarship (F)

The Salisbury University Alumni Association annually awards one scholarship to an incoming freshman. This scholarship is equivalent to \$2,000 per year for four academic years. Minimum qualifications are a designated standardized test score, high school grade point average of 3.50 in academic subjects and demonstrated participation in extracurricular activities. Students admitted by February 1 are screened by the Admissions and Financial Aid offices. This information is forwarded to the Alumni Association Scholarship Committee, which selects the recipient. Preference is given to the children of Salisbury University alumni; however, the scholarship is not restricted to such students.

► Salisbury University Foundation Golf Classic Scholarship (C)

The Salisbury University Foundation Golf Classic Scholarship awards up to four \$1,000 scholarships to Salisbury University students who are residents of Wicomico, Worcester, Somerset or Sussex counties. Eligible students must be enrolled full time, have completed one full year of classes (sophomore or higher) and have a cumulative GPA of 3.2 or higher. This scholarship is non-renewable.

► Sawyer Walsek Scholarship (C)

This \$2,000 scholarship was established by Robert L. Sawyer and Janet A. Walsek for students majoring in the Henson School of Science and Technology who also have made contributions to the life and activities within the Music Program. To be considered for this scholarship, students must be enrolled full time with a cumulative GPA of 3.25 or higher in one of the following majors: biological sciences, chemistry, geoscience, mathematics, computer science or physics, and have successfully completed their freshman year as a major in one of these disciplines. Eligible students must be a performing member of the Salisbury Symphony Orchestra, Salisbury Jazz Ensemble or Salisbury Concert Band each semester. Preference is given to students recognized by the Music, Theatre and Dance Department for outstanding musicianship. This scholarship can be renewable as long as the student meets all of the above criteria. The Music, Theatre and Dance Department Scholarship Committee in the Fulton School selects the recipient.

► Sea Gull Century Scholarship (C)

The Sea Gull Century and Salisbury University have enjoyed a valuable relationship for 20 years. In recognition and appreciation of this relationship, the Sea Gull Century commits to the annual funding of the Sea Gull Century Scholarship Fund at Salisbury University. Students applying for this scholarship must be of freshman, sophomore or junior status; uphold a 3.0 grade point average at Salisbury University; be involved in the Sea Gull Century and provide a written reflection of at least 500 words of the Sea Gull Century experience (December 1 deadline). The scholarship is renewable for up to two years, if the student maintains the GPA as prescribed here. For more information or an application contact the Sea Gull Century office, University Foundation Center or seagull@salisbury.edu.

► Joseph and Anna G. Seidel Scholarship (F)

The Joseph and Anna G. Seidel Scholarship provides financial assistance to students who are members of either the Beth Israel Congregation in Salisbury, MD, or the Bat Yam Congregation in Ocean City, MD. First consideration for funding is given to an incoming freshman. Additional eligibility requirements include a 3.0 high school grade point average, ranking in the top 25 percent of the high school class and enrollment for a minimum of 15 credits per semester at Salisbury University. A recipient may retain the \$1,000 scholarship for a maximum of four years provided he or she has a minimum 3.0 cumulative grade point average at Salisbury University and has successfully completed 15 credit hours per term. Interested students should contact the Financial Aid Office and provide documentation certifying their affiliation with one of the above congregations.

► Seidel Challenge Scholarship (F)

This \$1,000 scholarship was established to aid in the recruitment, admission and retention of students in the Seidel School of Education and Professional Studies. Applicants must have a designated standardized test score and a 3.30 grade point average. Awards may be renewed, provided the performance standards of the Seidel Scholarship are maintained. A selection committee established by the donor makes the final decision.

► Seidel Endowment Scholarship

The Samuel W. and Marilyn C. Seidel Endowment was established to aid in the recruitment, admission and retention of current and future generations of students in the Seidel School of Education and Professional Studies at SU. To be considered for a scholarship, a student must be enrolled full time, have a declared education major and demonstrate financial need as evidenced by the FAFSA. Scholarships can be renewed for a total of eight semesters if a student meets satisfactory academic progress requirements and remains enrolled full time as an education major.

► Seidel Nursing Scholarship (C)

The Marilyn Seidel Nursing Scholarship recognizes an academically gifted nursing student who has demonstrated outstanding potential for nursing leadership and service. Minimum qualifications include the following: junior/senior level traditional or registered nurse student with at least a 3.0 grade point average; a letter of application to the Student Policies Committee, Department of Nursing; a self-evaluation of potential for professional leadership and service; and three letters of recommendation, at least one of which must be from a nursing faculty member.

The Student Policies Committee selects recipients of the

scholarship, awarded for up to two years. Information is available from the Department of Nursing.

► Seidel Scholars Program in Education (F)

This \$1,000 scholarship was established to aid in the recruitment, admission and retention of students in the Seidel School of Education and Professional Studies. Applicants must have a designated standardized test score and a 3.30 grade point average. Awards may be renewed, provided the performance standards of the Seidel Scholarship are maintained. A selection committee established by the donor makes the final decision.

► Seidel-Wicomico High School Scholarship in Education (F)

The Wicomico High School Scholarship in Education was established by the generosity of Samuel Seidel. This scholarship gives preference to students who are four-year graduates of Wicomico High School, finished in the top 25 percent of their class, with a 3.0 GPA or better and declare a major in education. The recipient may continue to receive this scholarship provided they maintain a 2.5 GPA and full-time enrollment as an education major. The Seidel School Scholarship Committee will select the recipient.

► Justin Shen Travel Award for International Studies Majors (C)

The Justin Shen Travel Award for International Studies is a \$700 stipend given annually each fall to assist in covering the cost of a study abroad experience during the following calendar year. The award decision is based on GPA, an application essay and financial need.

► Smith Nursing Scholarship (F)

The Joseph W.T. and Hannah C. Smith Memorial Scholarship recognizes nursing students who are academically gifted and demonstrate outstanding potential for a career in nursing. Minimum applicant qualifications include incoming freshman with a declared major in pre-nursing, a minimum cumulative high school GPA of 3.25 or B+ or greater, a designated standardized test score, maintenance of full-time status (enrolled for a minimum of 12 credit hours per semester) throughout four years of the nursing program, and maintenance of an SU GPA of 2.5 each academic semester as a declared pre-nursing or nursing major. The scholarship award is up to \$2,500 per year for four academic years. The department's Student Policies Committee determines the applicant pool and selects the recipient each year.

► Hunter Smith Athletic Training Scholarship (F)

The Hunter Smith Athletic Training Scholarship is awarded to a student entering the Athletic Training Program (ATP) who demonstrates academic and clinical excellence. The scholarship is given annually to the recipient upon their admission to the ATP and is renewed on an annual basis for a maximum of two years. The renewal will be based upon normal matriculation through the ATP while maintaining a GPA of 2.80. The application to the ATP also serves as application for the scholarship. The applicants will be reviewed and the scholarship awarded to the recipient upon admission to the ATP.

► Pauline and Shirley T. Smith Scholarship (T)

The Pauline and Shirley T. Smith Scholarship is awarded to students who have demonstrated academic excellence, a genuine need for financial assistance and have secured gainful employment to defray a portion of the cost of their

education. The scholarship is granted with preference to graduates of the following named public school systems in descending order of preference: Talbot County, Caroline County, Dorchester County, other Eastern Shore counties of Maryland, other Maryland counties and Baltimore City. Continuation of the scholarship is dependent upon the recipient maintaining full-time enrollment and a minimum cumulative GPA of 3.0. The scholarship may be awarded for up to eight semesters, depending on student classification at the time of first award. The selection committee from the Financial Aid Office determines the applicant pool and the recipient(s) each year.

► Smoot Memorial Scholarship (B)

A Brooke and Bree Smoot Memorial Scholarship is awarded to a full-time deserving student from a high school in Sussex County, DE, who is domiciled in said county at the time of admission to Salisbury University. Applicants may be high school seniors, current SU students or any other applicant. Both financial need and academic ability are weighed equally. To determine need the students must complete the Free Application for Federal Student Aid. The award may be renewed, provided the student maintains a 2.0 grade point average while attending the University. The decision is made by the Admissions and Financial Aid offices.

► Leland Starnes Memorial Scholarship (C)

This scholarship is awarded to a sophomore or junior theatre major whose work has demonstrated promise in growth as an artist, whose pursuit of excellence is foremost and whose habits reflect professionalism. It is given as an academic memorial in honor of Dr. Leland Starnes who firmly established the reputation of Salisbury University for quality theatre.

► STEM Scholarship (F)

Sixteen \$5,000 merit scholarships are available on a competitive basis for first-year STEM students majoring in biology, chemistry, computer science, earth science, geography, information systems, mathematics and physics. Students with strong records of academic achievement (evaluated through high school GPA, types of courses taken, SAT/ACT scores) and extra-curricular activities will be invited (in late January/early February) to apply for the scholarship; semi-finalists may be asked to interview on campus. Salisbury University's STEM scholarships are renewable for each of four years provided that students remain as specified in the award letter. These scholarships can be awarded in addition to other merit scholarships.

► Sterling Scholarship (F)

The Sterling Scholarship is awarded to incoming freshmen who are permanent residents of Somerset or Wicomico county. The scholarship is for \$1,000 per year for four years and is awarded based on scholastic ability and financial need. Students must complete a FAFSA and remain enrolled full time with a cumulative GPA of 3.0 in order to continue to receive the scholarship. Students are automatically considered for this funding based on admission application data.

► Student Government Association Scholarship (F)

The Student Government Association has established a scholarship for \$1,000 for four consecutive years of enrollment at Salisbury University. The minimum qualifications are entering freshmen with designated standardized test score, a 3.30 high school grade point average, demonstrated leadership in extracurricular activities and letters of recommendation. Students must maintain a 3.3 grade point average for each year of continuation.

To apply, a student must apply for admission to the University. The deadline for consideration is February 1.

► Student Leadership Scholarship (C)

The Student Government Association Appropriation Board awards scholarships annually to students who are outstanding campus student leaders. Recipients must have at least one full-time semester remaining at Salisbury University, be involved in one or more University recognized student organizations for at least one year, show outstanding leadership qualities and/or contributions for that organization(s) and have at least a 2.5 GPA. Information is available from the Student Government Association Appropriation Board.

► Tawes Memorial Scholarship (F)

The J. Edwin Tawes Memorial Scholarship provides a \$500 scholarship to a student from Somerset County. Decisions, based on academic achievement, are made by the dean of enrollment management.

To apply for the scholarship, a student must apply for admission to the University. Eligible University applicants are contacted by the dean of enrollment management. The deadline for consideration is February 1.

► Tony Topolski Memorial Scholarship Fund (C)

The Tony Topolski Memorial Scholarship, in the amount of \$500, is awarded annually to a sociology major with junior standing who indicates through scholarship and involvement in community activity a strong commitment to the pursuit of social justice and social change. Students must apply to the Scholarship Committee made up of the Sociology Department and a member of the Topolski family by May 1 with a brief essay describing their qualifications. This scholarship is renewable. For more information contact the Sociology Department.

► Lucy Tull Scholarship (B & T)

The Lucy Tull Scholarship provides funding for Maryland residents of Wicomico, Worcester and Somerset counties pursuing degrees in medically related fields.

Scholarships may include full funding for tuition, room, board, books and fees and are renewable throughout the student's undergraduate studies. Eligible students must demonstrate financial need using the federal financial aid application and enroll as full-time students at SU. Freshmen applicants, upperclass transfer students from Wor-Wic Community College and current Salisbury University students are eligible for consideration.

Candidates must major within the Henson School and pursue a career in biology-secondary education, chemistry-secondary education, medical laboratory science, nursing, pre-professional health track or respiratory therapy, however, priority is given to those studying nursing. Tull Scholarship recipients are not guaranteed acceptance into professional programs that require formal admission.

Scholarship applicants must submit a Tull Scholarship application and the FAFSA (www.fafsa.ed.gov) each year soon after January 1 so results will be available by the scholarship application deadline. Documents submitted by freshman and transfer applicants during the admissions process will be available to the Tull Scholarship Committee, whereas, SU academic transcripts will be reviewed for current SU students.

Tull Scholarship applications should be submitted to the advising services coordinator for the Henson School of

Science and Technology. See SU's website for contact name and e-mail information.

The deadline for applications is March 1; however, applications are considered until all funds are committed. Notification of scholarship awards begins in March.

► Dr. S. Goldsborough Tyler Jr. and Catherine A. Tyler Scholarship (C)

The Dr. S. Goldsborough Tyler Jr. and Catherine A. Tyler Scholarship is awarded to junior or senior students who are enrolled in a teacher education major at SU. Students must have a cumulative GPA of at least 3.0 and demonstrate financial need. The scholarship is renewable for up to two academic years and can be used to cover tuition, fees, books, and room and board. The scholarship is awarded through the Seidel School of Education and Professional Studies.

► Washburn Scholarship (F)

The Kathryn Washburn Scholarship provides \$1,000 to a student from Washington High School, Princess Anne, MD. Students must have been admitted to Salisbury University, have demonstrated financial need through the Free Application for Federal Student Aid and have evidenced high ability for academic achievement through the SAT.

The recipient is selected by the Admissions and Financial Aid offices. The deadline for consideration is February 1.

► Dr. Theodore Wiberg Health Careers Materials Award (C)

This \$500 per semester award is renewable so long as scholarship criteria are maintained and re-application is made. Student must be accepted into an undergraduate major within the Department of Health Sciences at Salisbury University. Student must have a grade point average of 3.5 or higher. Student must be recommended by two professors outside of the Department of Health Sciences or members of the allied health community not related to the Department of Health Sciences. Student must provide a 250-500 word essay detailing their career goals and the impact a Dr. Theodore Wiberg Health Career Materials Award would have on their studies at Salisbury University. Selections of award recipients is made by a committee of faculty in conjunction with the chair of the Department of Health Sciences.

► Carol Williamson Leadership Scholarship (C)

The Dr. Carol Williamson Leadership Scholarship was established by the Student Government Association to recognize a deserving full-time sophomore or junior who has demonstrated leadership potential through his or her campus involvement. Candidates must apply to the Student Government Association in the spring semester. Eligible applicants must have a minimum cumulative GPA of at least 3.0 and ample evidence of leadership skills and experiences.

► Wood-Miller Scholarship (C)

This fund honors Ms. Wood's beloved professor, Dr. Leonard (Lee) Garigilano, and provides scholarships for current and future generations of students in the Seidel School of Education and Professional Studies at Salisbury University. This scholarship specifically targets those students who demonstrate financial need and express interest and possess aptitude for teaching math or science to the students of tomorrow. Awards are renewable for up to four years providing student(s) remain in good academic standing and continue their studies in teacher education.

► Worcester County Scholarship (F)

This scholarship established by Charles R. and Martha N. Fulton is designed to aid in the recruitment, admission, retention and education of students who are graduates of the public high schools of Worcester County, Maryland. Preference shall be given to students with a minimum 3.0 grade point average who appear to have financial need. Continuation of the scholarship for three additional years is contingent upon full-time attendance and maintenance of a 3.0 grade point average. The selection committee from the Admissions and Financial Aid offices determines the applicant pool and the recipients each year. Decisions will be made by March 15.

► Worcester County Teachers' Association Scholarship (C)

The Worcester County Teachers' Association provides an annual scholarship to a junior education major who is a graduate of a Worcester County public high school and who has earned a 2.75 (or higher) grade point average at Salisbury University. The Education Scholarships/Awards Committee selects recipients of scholarships in March for the following academic year. Information and online application is available on the Seidel School home page.

► William H. Wroten Jr. Scholarship in History (C)

This \$500 scholarship is awarded annually to a history undergraduate or graduate student, with a minimum cumulative GPA of 3.5 or higher, who has made a significant contribution to the study of the Colonial Eastern Shore. Established by the class of 1959, the award recognizes the long-standing service of Dr. Wroten as chair of the History Department. The recipient is selected by the Wroten Scholarship Committee. Information is available from the History Department.

GRADUATE SCHOLARSHIPS

► Beta Gamma Sigma Scholarship

This \$1,000 scholarship is awarded to a junior, senior or master's student. The chapter may select a current chapter member, an alumnus of the chapter or a student who will be invited to become a Beta Gamma Sigma member during the spring of the nominating year. Each chapter's scholarship recipient must complete the Beta Gamma Sigma scholarship application, including the required essay. Funding for this scholarship is from the Beta Gamma Sigma Society and the dean of the business school. Please see the Perdue School for details.

► Christopher Fellowship

The Audrey C. Christopher Endowment for Education, established in 1996, is intended to provide scholarships for students in the Seidel School of Education and Professional Studies. Doctoral (Ed.D.) candidates may apply for the fellowship through the Seidel School. To be eligible for consideration, a student can be enrolled either full or part time and must demonstrate financial need. At program entrance, candidates must have a cumulative GPA of 3.5 or higher in their previous program (master's level) and must maintain a cumulative GPA of 3.5 during their doctoral program. Recipients are eligible to renew this scholarship, contingent upon satisfactory academic progress, for a total of three years.

► Rick Dudley Scholarship Fund for Graduate Students with Disabilities

The first Salisbury University Foundation, Inc. scholarship for graduate students, the Rick Dudley Scholarship Fund for Graduate Students with Disabilities, provides assistance for disabled scholars. This scholarship program is a continuation of the Dudley family's abiding faith in the power of education to change lives.

The Dudley Scholarship provides varying scholarship amounts to assist in a variety of situations. Full-time graduate students can receive \$5,000 per year for up to three years; part-time graduate students enrolled in four to six credit hours per semester can receive \$3,000 per year for up to four years; and part-time graduate students enrolled in three or fewer credit hours per semester can receive \$1,500 per year for up to four years. Applicants must meet the requirements of acceptance into a graduate program at Salisbury University and remain enrolled and in good standing in a graduate program.

► Colonel Meta M. Mills Nursing Scholarship

The Colonel Meta M. Mills Nursing Scholarship is awarded to students who are enrolled full time in the Doctorate of Nursing Program at Salisbury University. The recipient must demonstrate financial need and have a cumulative GPA of 3.0 or higher. The scholarship is awarded through the Henson School of Science and Technology.

► Provost's Learn Where You Work Grant for Maryland Eastern Shore Public School Teachers

To make professional development opportunities accessible to all teachers in Maryland Eastern Shore public schools, Salisbury University provides a grant to any teacher who is an out-of-state resident but is a full-time classroom teacher in a Maryland Eastern Shore public school. These grants reduce the cost of tuition to the in-state rate for any graduate course, provided the course is relevant to the teacher's professional duties.

► Provost's Scholarship for Delmarva Graduate Nursing Students

These scholarships are awarded to residents of Delaware and the Eastern Shore of Virginia who are matriculated in the graduate nursing program. Scholarships are renewable for up to four years provided the student maintains good academic standing in the graduate nursing program. Students receive a scholarship in the amount of \$250 per credit hour for each graduate credit hour applied toward their master's degree in nursing.

► Florence Simonds and John B. May Scholarship for Reading

The Florence Simonds and John B. May Scholarship for \$1,000 is awarded to Master of Education reading specialist (REED) candidates. Candidates must have been formally admitted to the REED program, completed at least two courses in the program and have a GPA of 3.5 or higher. This scholarship is awarded to a candidate who evidences academic scholarship and a deep commitment to the teaching of reading. This scholarship is awarded through the Seidel School of Education and Professional Studies.

► William H. Wroten Jr. Scholarship in History

This \$500 scholarship is awarded annually to a history undergraduate or graduate student, with a minimum cumulative GPA of 3.5 or higher, who has made a significant contribution to the study of the Colonial Eastern Shore. Established by the class of 1959, the award recognizes the long-standing service of Dr. Wroten as chair of the History Department. The recipient is selected by the Wroten Scholarship Committee. Information is available from the History Department.

Student Life

www.salisbury.edu/students

Committed to enhancing students' academic experiences, Salisbury University helps students succeed both in and out of the classroom by sponsoring programs and activities designed to support an introduction to university life, involvement in campus and classroom activities, and promote academic and interpersonal growth. By empowering all students to become active and successful members of the learning community, students are educated to:

- commit to academic achievement,
- lead healthy lifestyles,
- think critically and reflectively,
- appreciate individual and cultural differences,
- foster a positive balance between autonomy and interdependence,
- assume leadership roles, and
- act in a manner that best represents themselves and the University.

Instrumental in supporting these values are organizations such as the offices of Student Affairs, Admissions, Financial Aid, Registrar, Career Services, Student Counseling Services, Student Health Services, Guerrieri University Center, Multicultural Student Services, University Police, Campus Recreation, University Dining Services, Athletics and Campus Recreation, the New Student Experience program, Student Conduct, and Student Activities, Organizations and Leadership, and others.

STUDENT RIGHTS AND RESPONSIBILITIES

The University supports the development of an environment that enhances academic success and engenders campuswide respect for the rights of others through a broad spectrum of policies and procedures; some of these are included in the *University Catalog* and many appear in other University documents (see Appendix A). Students can fully support their participation in the University community by familiarizing themselves with the policies that describe their rights and responsibilities, found in the following publications:

Faculty Handbook
Office of Academic Affairs

Campus Crime and Personal Safety
University Police

Residence Hall Information Booklet
Office of Housing and Residence Life (available online)

Student-Athlete Handbook
Department of Intercollegiate Athletics

Code of Conduct
Office of the Vice President of Student Affairs

University Catalog
Office of Academic Affairs

University System of Maryland Policies
Office of Academic Affairs

PROGRAMS AND SERVICES

America Reads/America Counts Program

The America Reads/America Counts program provides qualified federal work-study students an opportunity to make a difference in the reading and math proficiency of kindergarten through fifth grade children in local schools. As tutors, federal work-study students receive a stipend for hours worked. This is an ideal opportunity for students who wish to pursue a career in education to gain hands-on teaching experience and to help elementary school students improve their reading and math skills.

Army ROTC

Salisbury University students who seek appointments as commissioned officers in the United States Army may participate in the Military Science Program through a cross-town agreement between the University of Delaware and Salisbury University. The selection and instruction of applicants is conducted by on-campus Cadre in concurrence with the University of Delaware Cadre. Instruction of this program is provided on campus. Cadets from the University of Maryland Eastern Shore attend courses at Salisbury University through a separate agreement. Interested applicants should contact the Military Science Office at 410-677-0275. On-campus questions can be referred to the Military Science Office in TETC Room 379B.

Bookstore

The University Bookstore, located in the Commons building, provides students with textbooks, required supplies and much more. Textbooks are available approximately two weeks prior to the first day of classes. Books incorrectly purchased may be returned for the full purchase price prior to the end of business on the seventh day of classes, provided they are accompanied by a valid cash register receipt, are clean (unwritten in) and resalable. All returns are subject to the discretion of the management.

The bookstore caters to many of the students daily needs, carrying dorm items, school supplies, and general reading and reference books. Students are eligible to purchase computer software and hardware at educational prices and configured to run on the campus network. A wide variety of campus wear and gifts are offered to suit every taste. With proper identification, personal checks, VISA, MasterCard, American Express and Discover are accepted.

Campus Recreation

The Campus Recreation Office provides the entire University community the opportunity to participate in a variety of individual, dual and team events. These competitive and noncompetitive programs include conditioning, games, sports

and outdoor activities that are offered on campus as well as in regional and wilderness settings. In addition to the fun of participating in a favorite activity or novel experience, players may improve physical fitness, increase skill levels, make lifelong friends and enhance ethical qualities—trust, cooperation, honesty, objectivity, etc. These objectives are consistent with the University's educational mission.

A high level of skill is not a prerequisite for participation in any activity offered through the Campus Recreation Office. Therefore, all current students, faculty and staff members are urged to take part in both intramural events and sports club activities.

Additional information and a calendar of events can be obtained in the Campus Recreation Office located in Maggs Physical Activities Center or on the Web at www.salisbury.edu/campusrec/.

► Intramural Sports

Competitive sports are a desirable part of a student's program of education. The Campus Recreation Office offers nearly 25 different intramural events throughout the academic year. These events are organized competitions among individuals and teams. Leagues and tournaments are scheduled for each intramural event, utilizing student supervision and student officials.

Intramural activities include battleship, dodgeball, futsal, five-on-five basketball, flag football, floor hockey, golf, racquetball, rock-paper-scissors, sand volleyball, soccer, softball, Turkey Trot 5K, volleyball and walleyball.

► Sports Clubs

Sports clubs are a vital part of the campus recreation program and are designed to provide the University community with opportunities to participate in activities of special interest. Participation varies with trends and student leadership. Sports clubs include cheerleading, equestrian, field hockey, gymnastics, ice hockey, men's lacrosse, men's rugby, men's ultimate, men's volleyball, sailing, weight lifting, women's lacrosse, women's soccer, women's rugby and women's ultimate.

► Recreational Facilities

Facilities available to all SU students include Maggs Physical Activities Center, Indoor Tennis Center and the University Fitness Club. These facilities offer strength training areas, cardiovascular fitness rooms, racquetball courts, indoor pool, gymnasium areas, indoor climbing walls, indoor and outdoor tennis courts, group fitness studio, and locker rooms. Outdoor facilities include playing fields and a track and field complex. A schedule of open times can be obtained in the Campus Recreation Office located in Maggs Physical Activities Center or by Web at www.salisbury.edu/campusrec/.

Center for Conflict Resolution

The Center for Conflict Resolution, located on the southwest corner of College and Camden avenues, provides the University and community with conflict resolution services and training. The center works with individuals and groups in conflict to build creative and self-sustaining solutions.

The center works in cooperation with the Conflict Analysis and Dispute Resolution Department to provide experiential learning opportunities to students in the University's academic major, minor and master's in conflict analysis and dispute resolution. The center acts as a clinic where students take classes, workshops and training in conflict analysis and dispute resolution. Students take practicum and internships through the center at locations both on and off campus. The center also provides support and use of its facilities to the Conflict Resolution Club.

In addition, the center has a research and evaluation wing that has received national recognition. The practice wing is composed of nationally recognized experts who work with center staff on large-scale conflict interventions worldwide. The center provides the Salisbury community with free or low-cost trainings in conflict resolution skills.

Center for Student Achievement

The Center for Student Achievement, Guerrieri Academic Commons, focuses on key academic support programs such as tutoring, supplemental instruction, study strategies and academic coaching.

The center offers an opportunity to develop skills that will enhance students' academic potential while at the University. Areas of focus include test taking, note taking, time management, study skills and organizational tools. Students are also welcome to meet with the staff on a one-to-one basis, allowing students the individualized attention they may seek in order to achieve success. Tutoring is available for 45 different courses. Supplemental instruction (SI) is an academic support program that targets historically difficult courses. SI leaders support over 100 sections of SI each semester, providing peer facilitated study sessions that integrate "how to learn" with "what to learn." These collaborative learning strategies create an active learning environment and facilitate higher grades for those students who participate. At the center, students have access to study space, computers, Praxis core prep, tutors and other academic success programs.

In addition, the center also highlights students who have exemplified academic success in the classroom and demonstrate the ideal scholar at the University. Faculty and staff are asked to nominate candidates for the "Scholar Holler" and the students are featured on the CSA website and Facebook. The center's website features upcoming events, academic deadlines and new features for the center.

Copy Center

The Copy Center provides quality, prompt, affordable copying and binding to all members of the University community. Guidance on appropriate use of copyrighted materials is available. Located in the basement of Holloway Hall (entrance facing Blackwell Library), the Copy Center employees can provide specific prices and services.

Counseling Center

The Counseling Center offers counseling, consultation and outreach programs that promote personal growth, psychological health and academic success. Counselors provide help for students who may experience issues such as adjustment to college life, low self esteem, eating disorders, loss/separation, sexual identity concerns, anxiety, depression and relationship concerns. Group counseling, individual counseling and crisis intervention are available. To supplement personal counseling sessions and group work, the center also has resource material on a variety of topics, as well as an extensive website.

Staff of the Counseling Center have degrees in counseling, psychology and social work, and have years of experience working with college students. Services are confidential. All services are free of charge.

The Counseling Center is located in the Guerrieri University Center Room 263. Hours of operation are 8 a.m.-5 p.m. Monday-Friday. All appointments may be made in person or by calling 410 543-6070. For after-hours emergencies, the Counseling Center may be reached through the University

Police at 410 543-6222. To learn more visit www.salisbury.edu/counseling.

Dining Services

University Dining Services (UDS) is a nationally recognized dining program offering outstanding variety, exceptional quality and convenience to fit students' lifestyles on campus.

All SU students—residents and commuters alike—can choose from many dining locations across campus, all conveniently located within walking distance of campus housing, labs and classrooms.

The Commons dining hall features diverse offerings, including favorite traditional comfort foods, ethnic and international cuisine, and stations that cater to vegetarian, low-fat and gluten-free diets. The on-staff dietitian meets one on one with students to address personal dietary needs and preferences.

UDS offers a variety of meal plan options with access to the all-you-care-to eat experience at the Commons and include Dining Dollars that may be spent at any of the many quick serve, made to order, coffee shop and concessions locations on campus.

University Catering is an award-winning, full-service operation providing the campus and community with everything from snacks to elegant dinners to fairy tale weddings.

Student employment opportunities, with flexible hours, are always available.

To further explore the UDS program, follow the helpful links at salisbury.edu/dining. For more information you may contact a UDS team member at dining@salisbury.edu.

Guerrieri Academic Commons

The Patricia R. Guerrieri Academic Commons library facility contains several specialized academic programs, including the Writing Center, Center for Student Achievement and Math Emporium. It is also home to the Graduate Commons, the Office for Instructional Design and Delivery, the IT HelpDesk, and Nabb Research Center for Delmarva History and Culture. A two-story cyber-café provides dining as well as 24-hour study space. The Samuel R. Brown Carillon features 48 bells with a keyboard for live performances, as well as an automated player for daily chimes and music.

Guerrieri University Center

The Guerrieri University Center supports the mission of the University by helping create and sustain an ambience where all members of our community, and students in particular, are provided the opportunity, encouragement and support necessary to better realize their potential as individuals and scholars. The center provides myriad opportunities for students, as well as others, to realize the many dimensions of the University mission statement's core values of excellence, student-centeredness, learning, community, civic engagement and diversity.

Guerrieri University Center facilities include lounges; meeting rooms; Career Services; Disability Support Services; Guerrieri University Center Office; Guerrieri University Center Information Desk; Commuter Connections; Off-Campus Housing Services; Multicultural Student Services; Office of New Student Experience; Parent Programs; Office of Student Activities, Organizations and Leadership; Counseling Center; Student Affairs Office; Office of Student Conduct; student radio station WXSU; student newspaper *The Flyer*; Cool Beans Cyber Café, Gull's Nest; ; a gaming and vending area. An

automated teller machine (ATM) is conveniently located in the hallway near the north entrance.

Housing and Residence Life

Salisbury University does not have a residency requirement; however, 1,702 on-campus spaces are provided for undergraduate men and women. This represents approximately 21 percent of the undergraduate population. The Office of Housing and Residence Life provides students with high-quality facilities and living environments which support academic achievement and personal growth. The office places heavy emphasis on educating students regarding the rights and responsibilities associated with membership in the campus community. Professionally trained staff live and work in residence halls which provide residents with individualized assistance. Programs and activities of both a social and an educational nature are offered to complement the academic program.

On-campus housing is provided on a space-available basis to students who are matriculating for an undergraduate degree at the University and who are registering for 12 semester hours or more. Not eligible are students who have reached junior status (60 credits) and not achieved a minimum 2.0 GPA and students who have lived on campus for eight semesters already.

Additional information on facilities, services, regulations, assignment policies, etc. is included in the *Residence Hall Information* handbook, the housing contract and a variety of brochures published by the Housing Office. All are available upon request.

In addition to on-campus housing, SU partners with University Park to offer apartment-style accommodations to 888 students on the east side of campus.

Information Technology

The Department of Information Technology is located in Conway Hall. Information Technology is responsible for the administrative computer system, the campus network and the residence hall network (ResNet). The GullNet administrative computing system is running on the PeopleSoft/Oracle suite of products. The campus network system provides e-mail and Internet access across the campus, as well as access in the computing laboratories to many classroom/instructional software packages. General purpose PC and Macintosh computer labs are located in the following buildings: Conway Hall, Fulton Hall, Devilbiss Hall, Guerrieri Academic Commons, Guerrieri Center and Henson Science Hall. These labs provide a setting for instruction as well as open use to faculty and students. In addition, Information Technology provides personal high speed Internet access to all students living on campus and in the University Park housing facility. More information can be found at the IT website, www.salisbury.edu/campitech.

Intercollegiate Athletics

The Intercollegiate Athletics Program is administered by the director of athletics and the Athletic Advisory Committee. Funding for this program is provided by student athletics fees, athletics contest receipts and various fund-raising projects.

The Intercollegiate Athletics Program includes: fall - (men) cross country, football, soccer; (women) cross country, field hockey, soccer, volleyball; winter - (men) basketball, swimming; (women) basketball, swimming; spring - (men) baseball, lacrosse, tennis, indoor and outdoor track and field; (women) lacrosse, softball, and tennis.

Salisbury University is a member of the National Collegiate Athletic Association (NCAA) - Division III and holds conference affiliation in the Capital Athletic Conference (CAC), the New Jersey Athletic Conference and the Eastern College Athletic Conference (ECAC).

Eligibility for Salisbury University student-athletes is based upon the National Collegiate Athletic Association's (NCAA) constitution and bylaws. The NCAA principles of sound academic standards for eligibility are based on the following criteria:

1. The student-athlete is admitted as a regularly matriculated, degree-seeking student in accordance with the regular, published University entrance requirements.
2. The student-athlete is in good academic standing as determined by the University faculty, in accordance with the standards applied to all students.
3. The student-athlete is enrolled in at least a minimum full-time program of studies and is making satisfactory progress toward graduation as determined by University regulations. The 12/24 credit hour rule is applied for eligibility.

Interpretation and the precise language of these principles as they apply to Salisbury University student-athletes are available from the Office of the Vice President of Student Affairs and the Department of Intercollegiate Athletics.

Nabb Research Center for Delmarva History and Culture

The Edward H. Nabb Research Center for Delmarva History and Culture at Salisbury University is a humanities research laboratory for University students that also fulfills the historical resource needs of a variety of community researchers in the region. Researchers frequent the Nabb Center for its enormous legacy of original sources providing information on demographic shifts, family relations, religious choices and social networking. Distinctive photographic collections bring the Eastern Shore of the past to life, offering insights into its traditions, architecture and heritage. Extensive cartographic, newspaper and artifact collections reflecting the diversity of the Eastern Shore over time provide added educational resources. The Nabb Center provides educational seminars, lectures on historical topics, and exhibits showcasing the Shore's history and culture. In addition to its wide range of academic programming, the Nabb Center offers a variety of internships and scholarly awards.

Nationally Competitive Fellowships Office

SU's Nationally Competitive Fellowships Office recruits, advises and prepares students to compete for national fellowships and awards. They support undergraduates, seniors and alumni who are interested in competitive fellowships from their initial inquiry about opportunities available through the nomination and selection of candidates for national and international awards. Students can receive advice for over 25 awards, including the Fulbright Scholarship, NSF Fellowship, Marshall Scholarship, Rhodes Scholarship and Goldwater Scholarship, among others.

On-Campus Student Employment

Salisbury University employs over 1,200 undergraduate and graduate students every year. Employment opportunities are offered to students primarily to help defray University expenses. In addition, students enhance their academic pur-

suits by learning skills, responsibilities, habits, attitudes and processes associated with employment. The student work force is a viable addition to the University staff, enabling the institution to function efficiently on a daily basis.

Students selected for employment contract to work a maximum of 25 hours per week on campus. They are trained in their respective departments and are evaluated at the end of their contract period by their supervisors.

Career Services provides information regarding on-campus and off-campus employment.

PACE

The Institute for Public Affairs and Civic Engagement (PACE) is Salisbury University's institute for public policy, government and community relations, political activism, and civic engagement. PACE's competitive Presidential Citizen Scholar Program provides selected students a rigorous opportunity to immerse themselves in leadership training; internships; lectures by national, state and local leaders and politicians; and provides students volunteer opportunities to become engaged in the surrounding community. PACE, along with the Political Science Department, helps place students in government and non-profit organization internships. PACE also offers courses geared toward civic development and understanding the federal, local and state government. PACE is responsible for the campus voter registration drives, compiling the non-partisan Eastern Shore Voter Guide, and hosting and moderating local debates and elections. Students entering their junior year, if eligible, are invited by the President's Office to apply for the Presidential Citizen Scholar Program. Contact PACE at 410-677-5045.

Post Office

The campus post office, located on the ground floor of the Commons, offers full postal service from 8 a.m.- 5 p.m. Monday-Friday. Students pick up the combinations for their boxes at the window by presenting their campus identification cards.

Publications

Professional graphic designers, photographers and editors are available to assist the campus community with their publications needs for University-sponsored activities. For a small fee, design services are available for the production of t-shirts, give-aways, brochures, newsletters, posters, programs, etc. Both PC and Macintosh formats are supported. Guidance on appropriate use of copyrighted materials is available. It is University policy that all materials that may be viewed by an off-campus audience must be created and/or approved through Publications, located in Holloway Hall Room 271.

Public Relations

Professional writers and media and public relations experts are available to assist students with promotion of significant achievements and campus-sponsored, community-oriented activities. Free media services include press releases, public service announcements, calendar listings, contacts, etc. It is University policy that all contact with off-campus media and public relations professionals come through the Public Relations Office, located in Holloway Hall Room 140.

Scarborough Student Leadership Center

In 1998, J. Michael Scarborough, SU alumnus and president and CEO of The Scarborough Group, Inc., pledged \$800,000 to build a student leadership center on the campus of SU to serve as a focal point for the activities of both social and honorary Greek organizations on the campus, while nurturing the highest aspirations of these organizations: service, scholarship and leadership.

The Scarborough Student Leadership Center brings together fraternities and sororities, academic honor societies and leadership programs under one roof. The facility houses offices for student organizations, meeting rooms and a Leadership Library. Student activities that take place in the building include club meetings, induction ceremonies, leadership workshop series, regional leadership conference, leadership retreat, and faculty, staff and student meetings.

Student Activities, Organizations and Leadership

Participation in co-curricular activities is a vital part of students' education and college experiences. The Office of Student Activities, Organizations and Leadership's (OSA&L) mission is to engage students in developing a personal philosophy of leadership that includes understanding self, others and community. The leadership development program is multifaceted, the goals are to: recognize every member of the community as a potential leader; to provide students opportunities to practice leadership; and to empower students to understand and realize their civic responsibilities. The office is a constant support network for students interested in the over 130 student organizations at SU, and assists students in forming new organizations.

SU's diverse organizations range from departmental clubs, such as the Education and History clubs, to student publications like *The Flyer* newspaper and *Mid-Atlantic Review* literary magazine. There are also sports and special interest clubs, religious organizations and active student radio and television stations. Students have their own governing body in the Student Government Association and many different types of professional entertainment are provided by the Student Organization for Activity Planning (SOAP). The growing Greek system gives students the opportunity to consider membership in one of seven national fraternities or four national sororities.

Student Affairs

The Office of Student Affairs provides a variety of programs and services which complement the academic mission of the University and create opportunities for personal growth. Student services include Counseling Services, Career Services, Student Health Services, Guerrieri University Center, Housing and Residence Life, Student Activities and Organizations, Multicultural Student Services, Student Conduct, Parent Programs, Admissions, Financial Aid, TRiO, Center for Student Achievement, Disability Support Services, and New Student Orientation.

Student Health Services

Student Health Services offers accessible, quality medical care and health education to the University's diverse student population. A dedicated and experienced staff comprised of nurse practitioners, a registered nurse and consulting physicians work to meet the basic health needs of currently enrolled undergraduate and graduate students, promoting wellness and independence, and referral to local resources.

Basic services include: treatment of illness and injuries,

women's health, allergy and other injections, contraception, and STD screenings.

Student Health Services is located in Holloway Hall Room 180. Hours of operation are 8 a.m.-5 p.m. Monday-Friday.

For information on fees, services and immunization requirements, visit www.salisbury.edu/health.

TRiO Achieve-Student Support Services

TRiO Achieve-Student Support Services (SSS), located on the second floor of the Guerrieri Academic Commons, is a federally funded program that provides added opportunities for academic development for low-income students, first-generation to college students and students with disabilities.

SSS is able to provide a range of services that include academic coaching, peer mentoring, tutoring, career and graduate school guidance, and cultural enrichment opportunities for students who qualify for the program. In addition, financial assistance is available to students who meet certain additional criteria.

The office is a one-of-a-kind resource, providing study space and a cozy location to gather with other students for academic and social discussion.

The legislative requirements for all Federal TRiO Programs can be found in the Higher Education Act of 1965, Title IV, Part A, Subpart 2.

University Police

The Office of University Police, located in the East Campus Complex, can be contacted 24 hours a day. University Police services include investigation of crimes and incidents on campus, response to emergencies, parking enforcement, lost and found, and physical security of buildings.

This office annually publishes campus crime statistics. Copies and crime prevention materials are available upon request. The University Police website is www.salisbury.edu/police.

Veterans

The Veterans Services Office within the Office of the Registrar aids veterans, eligible dependents and survivors of veterans and active duty military personnel in obtaining benefits and services for which they may be qualified. Students requesting certification for educational benefits must complete a Veteran Benefits Certification Request each semester they enroll at SU.

The Veterans Services Office aims to increase awareness of and solutions for student veteran education matters through a "One Door" system of referrals. The office strongly encourages student veterans and military-affiliated students to participate actively on campus as well as within the Salisbury community. For more information visit www.salisbury.edu/registrar/veterans/.

Volunteer Center

The SU Volunteer Center is committed to serving the community and University by offering meaningful connections between students who care and organizations in need. The center is dedicated to promoting lifelong values of commitment to service and civic engagement, encouraging awareness of community needs and facilitating service opportunities to address those needs.

The center's goals include:

1. Connect interested students to community needs
2. Develop collaborative linkages within the University and across the community
3. Facilitate student development and careers through leadership and service
4. Empower regional growth by offering student resources to assist in community transformation

There is a strong Web presence (www.salisbury.edu/volunteer) to facilitate the ability of students to locate and sign-up for volunteer activities and for non-profit agencies to post their needs.

Web Development

The Web Development Office provides support and training in the ongoing maintenance, development and enhancement of the University's website in close coordination with the University's mission and goals. To read frequently asked questions, learn more about the SU online template or place an online Web work request visit www.salisbury.edu/weboffice.

Honors and Recognitions

www.salisbury.edu/academic

OUTSTANDING ACADEMIC ACHIEVEMENT

The University recognizes students who have demonstrated outstanding achievement through:

► Celebration of University Leadership Awards Show

Each year the Office of Student Activities, Organizations and Leadership works with the Student Government Association to provide the Celebration of University Leadership Awards Show, a semiformal awards presentation designed to recognize the time, effort and service student leaders offer to the University community.

► Dean's List

Compiled and issued each semester by the school deans' offices, the Dean's List is composed of matriculated students who have at least 12 semester hours with grades of A, B or C with a grade point average of 3.5 or higher for the semester. Students so honored receive a certificate and have their names entered on the Dean's List.

► Honors Convocation

Each spring semester, an Honors Convocation recognizes students who have distinguished themselves academically. High-achieving students are presented with the following awards.

► Art Department Alumni Recognition Award

This award is given to an art student or students in honor of an alumnus that the Department of Art chooses to recognize.

► Art Department Meritorious Award

Art faculty select one or more full- or part-time students who have completed a minimum of 30 semester hours at SU and have submitted a portfolio and written statements about their work or art-related achievements.

► Art Department Student Assistantship Award

This award is presented annually to rising junior or senior art major or liberal studies major who demonstrate excellence in one of the art tracks, maintains an overall grade point average of at least 3.0 or better and receives a recommendation from one of the Department of Art faculty members, or the director of University Galleries or the dean of the Fulton School of Liberal Arts. The award is meant to assist full-time art major or liberal studies-art major pursuing a Bachelor of Art or a Bachelor of Fine Arts in art.

► Outstanding Senior Student Athletic Trainer Award

Sponsored by Peninsula Orthopedic Associates, Inc., this award is given to a graduating senior seeking certification as an athletic trainer who has shown exemplary performance in four categories: scholarship, clinical experience, extracurricular

activities in athletic training and involvement in non-athletic training related extracurricular activities.

► Richard Bernstein Achievement Awards for Excellence

The Richard Bernstein Achievement Awards are presented annually to outstanding students from across the University who have demonstrated entrepreneurial behavior. Selection is based on a broad set of criteria, including evidence of appreciation for American capitalism, leadership, organizational abilities, creativity, self-initiative and commitment.

► Biology Faculty Award

The Biology Faculty Award is presented annually to one or more graduating biology majors who have displayed outstanding leadership and service to the Biology Department in addition to having maintained academic excellence.

► Board of Regents Outstanding Scholar Award

This award is given in recognition of outstanding ability demonstrated by scholarly work. The recipient must be a Maryland resident of junior status, have a cumulative grade point average of 3.5 and must be actively involved in the Honors Program.

► School of Business Outstanding Senior Award

Each year the Franklin P. Perdue School of Business presents awards to senior students from each major/concentration area. These non-monetary awards are based on outstanding academic performance and input from faculty in each area of concentration.

► Capital Section American Association of Clinical Chemistry Clinical Chemistry Student of the Year

This award is presented annually to the graduating senior showing the most promise in clinical biochemistry as identified by the medical laboratory science faculty.

► Caruthers Memorial Fund Award

The Caruthers Memorial Fund Award is awarded to a junior or senior education major who evidences academic scholarship, leadership skills, involvement in campus and community activities, and shows promise of becoming an outstanding teacher.

► Diana Marie Clayton Memorial Award

This award is given in memory of Diana Marie Clayton in recognition of enthusiasm, dedication and academic performance demonstrated in the study of professional nursing.

► Delmarva Chapter, Institute of Management Accountants Award

The Institute of Management Accountants Award is an unencumbered gift to an outstanding senior in accounting and is based on academic performance, leadership, and involvement in campus and community activities.

► Delta Kappa Gamma Society, Beta Chapter Award

This award is presented by the Beta Chapter of Delta Kappa Gamma Society to an outstanding woman student teacher who best exemplifies the fine qualities and characteristics of the profession.

► Distinguished Computer Science Student Award

Presented annually to computer science students who have been recognized by a consensus of full-time faculty in the Department of Mathematics and Computer Science for demonstrating outstanding computer science expertise.

► Allen R. Dudley Memorial Award in Chemistry

Awarded each year to a senior chemistry major who has demonstrated consistent academic excellence and who has the potential for an exceptional future in chemistry.

► Robert Elderdice Memorial Award

In memory of his interest in and love of American literature, the family of Robert Elderdice has provided this annual award to a promising undergraduate English major who has expressed a special interest in pursuing the study of American literature.

► Eugene D. Farace Outstanding Senior Award in Geography

This award is presented to a graduating geography major who has achieved at least a 3.5 grade point average in geography, has given exceptional service to the department and has developed well-defined professional goals.

► FMA @ SU Leadership Award

Awarded on an annual basis to a student majoring in finance, who is a leader in the Financial Management Association, SU chapter. The recipient must graduate in the December or May of the academic year in which the award is given. Recipient must have a minimum 3.0 GPA in all bona fide finance courses already completed.

► Fondes Outstanding Graduating Senior Nursing Award

This award provides a meaningful memorial to Tabitha Parker Fondes. It recognizes an outstanding graduating senior nursing major who demonstrates high academic standards, clinical excellence and leadership qualities.

► Fulton School of Liberal Arts Permanent Collection Award

Monetary award given annually in recognition of an outstanding senior art student. The selected piece created by this individual will become part of the Fulton School of Liberal Arts permanent art collection.

► Geographic Society Award

This award is given to students who have consistently displayed scholarship and interest in the study of geography. To be eligible students must have a minimum 3.25 grade point average in geography and must have completed at least 15 semester hours in this discipline. In addition, students must currently be enrolled in a geography course and hold membership in the Geographic Society.

► James F. Glenn Memorial Award in Chemistry

The James F. Glenn Memorial Award in Chemistry is presented annually by the Department of Chemistry for academic excellence and future promise in the field of chemistry.

► Guerrieri University Center Music Major Award

The Guerrieri University Center Music Major Award honors a degree-candidate music major who has demonstrated outstanding musicianship by exceptional recital performance and academic achievement.

► Guerrieri University Center Scholar Athlete Award

Recognizes varsity intercollegiate athletics team members who have attained a cumulative grade point average of 3.0 or better and who have made outstanding contributions to team leadership.

► History Department Scholastic Award

The History Department Award is presented to a graduating senior history major who has demonstrated outstanding scholastic ability and has provided substantial leadership for the many student activities sponsored by the History Department.

► Khazeh Family Distinguished Senior Awards

Awarded annually in honor of Dr. Kashi Khazeh's parents to recognize one distinguished Perdue School graduating senior, either in finance or in international business. The recipient must have a minimum 3.3 cumulative grade point average as well as a minimum 3.55 grade point average in all bona fide finance/international business courses already completed. They must also have demonstrated leadership roles and have been involved in extracurricular activities. For full requirements visit www.salisbury.edu/perdue/student-services/advising/scholarships.

► Maryland Association of Certified Public Accountants Award

This award is presented annually to a junior who has demonstrated outstanding achievement in accounting, ranking in the top 10 percent of the class, and who has evidenced leadership or involvement in campus, community and professional activities.

► Department of Mathematics and Computer Science Outstanding Service Award

The Mathematics and Computer Science Outstanding Service Award is given to a student who has been selected by consensus of the full-time faculty in the Department of Mathematics and Computer Science to have done the most to promote a mathematical environment at Salisbury University.

► Anne H. Matthews Memorial Award

The Anne H. Matthews Memorial Award is presented to an education major in the junior class who shows promise of becoming a highly successful teacher.

► Most Promising Mathematician Award

The Most Promising Mathematician Award is presented annually to math majors who have a 3.0 grade point average or higher and who have been judged by a consensus of full-time faculty in the department to show the most promise in mathematics.

► Medical Laboratory Science Program Honored Graduate Award

This award is presented annually to the medical laboratory science student who, by consensus of the full-time faculty, has demonstrated a high level of professional achievement. The faculty consider for this award students who have at least a 3.25 GPA, have demonstrated excellence in professional

standards and show the most promise in the medical laboratory science field.

► Music Program Award

This award is presented to a music or music education senior degree candidate who demonstrates musicianship through some outstanding performance contribution, superior academic achievement, and exemplification of superior personality and character traits.

► National Dance Association Award

This award is given each year to an outstanding dance minor who demonstrates scholarship, participation, and leadership in dance. To be eligible, a student must possess a 3.0 overall grade point average and a 3.3 grade point average in dance courses, have completed at least 15 semester hours in the discipline, be currently enrolled in a dance course, and hold membership in the SU Dance Company.

► Duane C. Nichols Memorial Scholarship Award

The Duane C. Nichols Memorial Scholarship Award is awarded to the graduating senior English major earning the highest honors in the discipline.

► Excellence in Engineering Award

Given to outstanding juniors/seniors who have demonstrated a high level of general academic achievement and excellence in engineering.

► Outstanding Foreign Language Student Award

Presented to a graduating senior who has taken classes in at least two languages, who has shown academic excellence and who has actively participated in extra-curricular activities in the department.

► Sallie Dryden Parker Memorial Award

The Sallie Dryden Parker Memorial Award is given for outstanding performance in film studies or for general contributions to the development of film consciousness on campus and in the Salisbury community.

► Philosophy Department Outstanding Student Award

An award for excellence in philosophy is given each year to a student who has consistently demonstrated both the ability to master philosophical ideas and the willingness to engage in the kind of thoughtful reflection which the Philosophy Department seeks to foster.

► Physical Education Excellence Award

The Physical Education Excellence Award is given to a junior or senior physical education major who has a minimum overall grade point average of 3.2, shows leadership ability and is committed to a career in physical education.

► Excellence in Physics Award

Given to outstanding juniors/seniors who have demonstrated a high level of general academic achievement and excellence in physics.

► Pi Gamma Mu Award

Awarded to the graduating senior or seniors who have maintained a grade point average in the social sciences of at least 3.1 and have been active in the local chapter of Pi Gamma Mu and in regional or national Pi Gamma Mu functions or conferences.

► Psychology Department Award

This award is presented annually for academic

achievement and outstanding contributions to the Psychology Department.

► E. Pauline Riall Achievement Award

The E. Pauline Riall Achievement Award is presented annually by the School of Education and Professional Studies to an outstanding education major as selected by a faculty committee.

► Salisbury Rotary International Club Award

The Salisbury Rotary International Club awards are presented to students in the Perdue School of Business who have demonstrated outstanding ability. Selection is based on resident status, academic performance and financial need.

► John and Mary-Claire Roth Honors Thesis Prize

The John and Mary-Claire Roth Honors Thesis Prize is awarded annually to the Thomas E. Bellavance Honors Program student who is judged to have written the best honors thesis in the current year's graduating class.

► Justin Y. Shen Memorial Award

This award is given in honor of Dr. Shen's selfless efforts on behalf of the University, the community and the scholarly world. To qualify for this award students must be of junior or senior class rank, political science majors, possess a 3.0 overall grade point average and a 3.25 grade point average in political science courses, and demonstrate leadership ability and a commitment to a career in politics or government.

► Social Work Student of the Year Award

The Social Work Student of the Year Award is based upon academic achievement, leadership and service to the University and community.

► Walter C. Thurston Memorial Award

The Walter C. Thurston Memorial Award is sponsored annually by the Salisbury Exchange Club for a full-time art major who has completed a minimum of three photography courses at SU with a "B" average. The Art Department faculty reviews all applicant portfolios and written comments of those students whose careers will involve photography in some manner.

► Undergraduate Nursing Achievement Award

These awards are presented to the graduating seniors with the highest grade point averages. When a significant proportion of the class is comprised of registered nurse students, an additional award is given to the registered nurse student with the highest grade point average.

► Whall Honors Award for Writing Excellence

The Bellavance Honors Program recognizes one or more distinguished first-year Honors student(s) who are in good standing in the Honors Program and who excel in writing skills.

► Wilcomb E. Washburn Student Prize in History

This prize is presented annually at convocation by the Edward H. Nabb Research Center for Delmarva History and Culture to a full-time student of junior or senior class rank who has demonstrated superior primary research competence on a topic concerned with Delmarva history. Applicants will have a minimum grade point average of 3.0 and will have used the Nabb Research Center in their research.

► Joanne Young Award in Theatre

The Joanne Grant Scholarship in Theatre Award is given annually to two students who have demonstrated hard work, dependability and dedication to the art and craft of theatre.

ACADEMIC HONOR SOCIETIES

► Beta Alpha Psi

As the premier professional business and financial information fraternity, Beta Alpha Psi recognizes academic excellence and complements members' formal education by providing interaction among students, faculty and professionals, and fosters life-long growth, service and ethical conduct. Scholars in these fields are recognized by achieving a 3.0 overall grade point average.

► Beta Beta Beta

The purpose of Beta Beta Beta Biological Honor Society is to function as an honor and professional society for students of the biological sciences. Its activities shall be designed to stimulate interest, scholarly attainment and investigation in the biological sciences and to promote the dissemination of information and new interpretations among students of the life sciences.

► Beta Gamma Sigma

The mission of Beta Gamma Sigma is to encourage and honor academic achievement and personal excellence in the study and practice of business. It is the only scholastic honor society recognized by the International Association of Management Education (AACSB). Membership is open to both M.B.A. students and undergraduate students with a major in accounting, economics, finance, information systems, management or marketing. Membership in BGS is a very high honor and is available only to those students who rank in the top 10 percent of their second semester sophomore class, top 10 percent of their junior class, top 10 percent of their senior class or to 20 percent of their master's class. Currently, there are more than 750,000 Beta Gamma Sigma members in more than 160 countries.

► Gamma Theta Upsilon

The Zeta Eta chapter of Gamma Theta Upsilon, an international honor society in geography, was established at SU in 1980 to recognize scholarly achievement and to foster professional growth and geographic research. Junior or senior geography majors are eligible for membership by completing at least 18 credit hours of geography with a minimum grade point average of 3.25 and an overall grade point average of 3.0. Notification of eligibility is given by the organization to prospective members.

► Honors Student Association

The purpose of the Honors Student Association is to provide students with cultural, intellectual and social activities outside of the classroom setting and to promote community service. The group also serves as a liaison between students enrolled in the Honors College and the Honors Program Committee. It makes recommendations for honors course offerings and advises the committee on matters relating to program requirements and changes.

► Kappa Delta Pi

Kappa Delta Pi is an international honor society in education. Founded in 1911, the organization has more than 55,000 members in 665 chapters worldwide. The Rho Eta chapter of Kappa Delta Pi promotes excellence in and recognizes outstanding contributions to education. This honor society endeavors to maintain a high degree of professional fellowship and growth among its members. Qualifications for membership include a 3.2 GPA and completion of certain education courses.

► Lambda Beta Honor Society for Respiratory Care

The Lambda Beta Honor Society for Respiratory Care at SU was formed to bring together those who are interested in a career in respiratory care. The purpose of the honor society is to promote, recognize and honor scholarship, achievement, service and character of students, graduates and faculty members of the SU Respiratory Therapy Program. Junior and senior student members are available to mentor those wishing to pursue a career in respiratory care. Students will be invited to become members of the SU chapter of Lambda Beta after completing the first semester as a respiratory major with a GPA of 3.0. Students in the top 25 percent of their class will be inducted into the national level of Lambda Beta during the spring semester of their senior year.

► Lambda Pi Eta

Lambda Pi Eta is the official undergraduate communications honor society of the National Communication Association. Its purpose is to recognize, foster and reward outstanding scholastic achievement, stimulate interest in the field of communication studies, and to promote and encourage professional development among communication majors.

► Lambda Tau

Lambda Tau is the national honor society for medical laboratory science students. Its purpose is to develop a spirit of cooperation and unity among the students entering the profession of medical laboratory science, to stimulate higher scholastic effort, to develop the professional character of a medical laboratory scientist, to encourage research, to interest other students in this profession, and to receive the benefit of mutual discussions and associations with others with common interests. Faculty, both university and clinical, also are accepted as full members. SU is home to the Sigma Upsilon chapter.

► Omicron Delta Epsilon

Omicron Delta Epsilon is the international economics honor society. The primary purpose of Omicron Delta Epsilon is to recognize scholastic attainment in economics, and it also is intended to establish closer ties between students and faculty in economics. Students are eligible if they have an overall GPA of at least 3.0 and at least 12 credits in economics with an average of at least a 3.0 GPA or better. Notification of eligibility is given by the faculty advisor to prospective candidates.

► Omicron Delta Kappa

Omicron Delta Kappa is a national leadership honor society for college students that recognize and encourage superior scholarship, leadership, and exemplary character. The society also recognizes achievement in athletics, campus or community service, social and religious activities, speech and the mass media and the creative and performing arts.

► Phi Alpha

The Chi Eta chapter of the social work honor society encourages high scholastic attainment, provides a closer bond among students of social work and promotes humanitarian goals and ideas.

► Phi Alpha Theta

The Eta Iota chapter of Phi Alpha Theta international honor society in history was established in 1959 to serve the needs of those students who have maintained a high scholastic average and who are interested in the further study and teaching of history. Membership is restricted to juniors and seniors. Notification of eligibility is given by the organization.

► Phi Epsilon Kappa

Phi Epsilon Kappa Physical is a national professional fraternity, which brings to its members an appreciation of their duties toward life, toward their profession and toward their constituents. Founded on April 12, 1913, at the Normal College of the American Union in Indianapolis, IN, Phi Epsilon Kappa fraternity is a national professional fraternity for persons engaged in or pursuing careers in physical education, health, human performance, exercise science and sports medicine. Chartered in 1999, the SU Epsilon Theta honors chapter extends an invitation to juniors and seniors in the Health and Sport Sciences Department who have achieved and maintained a 3.0 GPA or higher.

► Phi Eta Sigma

Phi Eta Sigma is a national honor society whose goal is to encourage and reward academic excellence among freshmen in institutions of higher learning. Freshmen are invited to join if their cumulative grade point average at the end of their freshman year is 3.5 or higher. Membership is recognition of personal accomplishment and serves as an incentive for continued high scholarship. It provides members the opportunity to meet freshmen scholars from all academic disciplines and to join them in promoting academic excellence. Members may apply for scholarships available from national and local chapters.

► Phi Kappa Phi

Phi Kappa Phi is an international honor society with a local chapter on the SU campus. It fosters and recognizes outstanding scholarship in students from all areas of instruction. It is the only honor society which moves across the lines that traditionally separate the diverse academic disciplines. Juniors and seniors invited to membership must rank in the upper brackets of their graduating class. Those eligible for induction are notified during the academic year.

► Phi Sigma Tau

The Maryland Zeta chapter of Phi Sigma Tau, an international honor society in philosophy, considers its organization instrumental in the day-to-day existence of the University. It serves as a means for developing and honoring academic excellence as well as philosophical interest. In addition to providing a means of awarding distinction to students having high scholarship and interest in philosophy, the society also promotes interest in philosophy among the general collegiate public. The society gives notification of eligibility.

► Pi Gamma Mu

Pi Gamma Mu is an international honor society in the social sciences. To qualify for membership, a student must be a junior, senior or graduate student in the upper 35 percent of the class; have at least 20 semester hours in one or more of the five core areas (economics, history, international relations, political science, sociology/anthropology) and in some other social science disciplines such as social psychology, criminal justice or human geography; and have a GPA of a B or better. Membership and leadership in the collegiate chapter are shared equally between faculty and students. Pi Gamma Mu gives recognition to good scholarship and actively promotes it all year long through enriching activities, service projects, a scholarship program and a lectureship program.

► Pi Sigma Alpha

The Pi Xi chapter of Pi Sigma Alpha, a national honor society in political science, was established in 1987 to recognize the scholarly achievement of outstanding political science students. To qualify for membership, a student must complete 18 hours of political science courses, be a junior or senior,

have a 3.0 overall grade point average and have a 3.25 grade point average in political science courses.

► Psi Chi

Psi Chi, a national honor society in psychology, was founded in 1929. The Salisbury chapter was established in 1974 to advance the science of psychology and to encourage, stimulate and maintain scholarship of its members in all fields, particularly psychology. The requirements for membership in Psi Chi start with the completion of 12 semester hours in psychology and satisfying grade point requirements.

► Sigma Delta Pi

Sigma Delta Pi is the largest foreign language honor society in existence and is accredited by the Association of College Honor Societies. To become a member, a student must have completed three years of college-level Spanish, including at least three semester hours in Hispanic literature or Hispanic culture with a minimal grade point average of 3.0 in all Spanish courses and a cumulative grade point average of 3.0.

► Sigma Theta Tau

Sigma Theta Tau, the international nursing honor society, recognizes excellence in scholarship, leadership and research in nursing. To qualify for membership in SU's Lambda Eta chapter, an undergraduate student must have completed one-half of the nursing curriculum, rank in the upper 35 percent of the graduating class and demonstrate potential for or achievement in nursing leadership. A graduate student is required to have a 3.5 GPA, to have completed one-fourth of the program of study and have potential for leadership in the nursing profession.

Undergraduate New Student Experience

www.salisbury.edu/newstudexp

The University's New Student Experience program is designed to help new undergraduate students achieve success in college. It has nine equally important components:

► University Visits

For high school students, and for college students considering transferring, deciding on a college requires comprehensive information about that college's campus, faculty, staff, students and programs. SU provides this opportunity at its Saturday open houses and information sessions held throughout the academic year. Prospective students also may learn about the University during weekday visits arranged through the Admissions Office. Students are encouraged to register online in advance for visit programs.

► Orientation 101

All new students come to campus for one day in the summer or winter and participate in discussions on campus life and academic and career planning. Information is provided about financial aid, dining services, housing and residence life, parking, and student activities, organizations and leadership.

► New Student Outdoor Programs

All new students with fewer than 24 credits are invited to participate in an outdoor experience program with their incoming peers, upper-class student leaders, faculty and staff. These special programs provide students the opportunity to build lasting friendships, initiate self discovery, learn about SU and have a truly unique experience before the first day of classes even begins. The program is optional, but students are highly encouraged to participate.

► Orientation 102

All new students and transfer students with fewer than 24 credits attend academic and social events that are planned exclusively for them prior to returning student move-in. Students and family members are formally welcomed by the president, provost, Student Affairs Office staff members and the president of the Student Government Association. A signing-in ceremony takes place where students sign a class register that forever places them in the history of that class. A Family Farewell Reception is provided to give family members an opportunity to mingle with their students, faculty and staff prior to their leaving. Academic and social opportunities are provided for students.

► Fall Convocation

Fall Convocation marks the beginning of each academic year. Music, the procession of the faculty in academic regalia and a special address by an invited speaker mark this traditional ceremony designed to encourage new students to reflect on the meaning of a college education and the challenges facing them.

► New Student Reader

The New Student Reader program is designed to provide a common experience for incoming students, to enhance participation in the intellectual life of the campus through stimulating discussion and critical thinking around a current topic, and to encourage a sense of community between students, faculty and staff.

► Welcome Week

The Office of Student Activities, Organizations and Leadership seeks to provide events that will allow new and current students an opportunity to become involved with campus life, complement the classroom experience with co-curricular activities and aid in forming relationships with the students.

► Family Weekend

Family Weekend is planned for the families of new and returning students. Held early in the fall semester, this event provides family members an opportunity to visit the campus, meet with professors and staff, sit in on class sessions typical of the University's course offerings, and attend special events in order to observe firsthand the transition new students make to University life.

► Honors Convocation

Each year during the spring semester, an Honors Convocation is held. At this event, public recognition is given to students who have made outstanding contributions to campus life and who have distinguished themselves academically. Information on all awards is available from the Office of the Vice President of Student Affairs.

Registration and Student Records

www.salisbury.edu/registrar

For information on graduate registration refer to the Graduate Student Information section of this catalog, Page 18.

OFFICE OF THE REGISTRAR

The Office of the Registrar, located in Holloway Hall, upholds the University mission by protecting the integrity of the academic record; publishing course schedules online; maintaining curriculum; providing support and the tools necessary to the advising and registration processes; and certifying Veterans and their dependents for educational benefits. In accordance with federal, state and University policies and regulations, the Office of the Registrar assures the privacy and confidentiality of students' academic records.

REGISTRATION

General Information

To receive academic credit for a course, a student must be officially registered for the course during the term in which the work is done. Normally, students are not allowed to enroll in any new coursework after the first week of classes. The University reserves the right to discontinue any under-enrolled courses or course sections.

Academic Advisors

Academic advisors provide students with pertinent information about their majors and assist in planning their programs of study. Students are encouraged to make an appointment with their academic advisors early in the semester to discuss their programs and goals. Students must confer with their assigned academic advisors regarding course selection, requirements and other academic matters prior to registration each semester.

University System of Maryland Inter-Institutional Registration Program

The Inter-Institutional Registration Program at Salisbury University is designed to foster an interchange of students between Salisbury University (the home institution), University of Maryland Eastern Shore (the host institution) and the other University System of Maryland institutions. Students wishing to participate in this program must first seek approval from both institutions through an Inter-Institutional Registration form available from the Registrar's Office. Enrollment is based on a space-available basis. Students are expected to have met the prerequisites and other criteria set for screened or restricted programs of study.

Interested students must have a combined semester course load enrollment at both institutions of at least 12 credits, and at least six of the credits must be taken at Salisbury University. SU students pay full-time tuition and fees to Salisbury University and may be assessed additional fees by the host institution. The grades and credits earned in applicable courses taken through inter-institutional registration will be considered as resident credit and, therefore, will be

included in the calculation of semester and cumulative totals on SU records. Students must follow the course withdrawal deadlines of the host institution. Special permits, parking and other fees at the host institution will be billed by the host institution and are the responsibility of the student electing to participate in the program. For additional information, contact the SU Registrar's Office at registrar@salisbury.edu.

Registration

Matriculated freshmen are required to fill out a preregistration survey. Their answers inform a professional advisor who enrolls them into their first semester of classes. Matriculated transfer students participate in a group advising and registration session during their Orientation 101 experience.

For current students, Program Planning is held midsemester in the spring and fall. Students are responsible for establishing advisement appointments with their academic advisor. Once they have received approval from their advisor, students will register via self service on their GullNet account at assigned appointment times.

Non-matriculated students may register for fall and spring semester courses during the time periods indicated in the academic calendar.

Summer and winter term registrations for all students occur during the preregistration/program planning period and at designated times prior to the start of classes.

Drop/Add Period

During fall and spring semesters, students may adjust their course schedules during the drop/add period. During fall and spring semesters, students may adjust their course schedules during the drop/add period, which varies in length, depending on session and term. For specific dates, see the Academic Calendar posted on the SU website. Courses that are officially dropped during this period do not appear on the student's permanent academic record.

Ghost Policy (Deregistration from Full Classes)

During the drop/add period, instructors of courses that have reached maximum enrollment may drop from their rosters any student:

- Misses two consecutive class sessions of a course that meets at least twice during the drop/add period and fails to notify the instructor of his/her desire to remain in the course.
- Misses the first class session of a course that meets only once during the drop/add period and fails to notify the instructor of his/her desire to remain in the course.

During the drop/add period of the winter, summer I and summer II sessions, an instructor may drop from a course roster any student who misses the first class session of the term and fails to notify the instructor of his/her desire to remain in the course.

Deregistrations are performed to allow other students access to filled courses.

Instructors initiate this "Ghost Policy" by notifying the

Registrar's Office in writing of students who are dropped from a roster. This written notification must include the student's name and SU identification number as well as the course name and number, its section number and the department in which the course is taught.

Late Registration

Students may register late during the drop/add period without penalty. Students who add classes to their schedule must pay any additional tuition and/or fee charges immediately. Students will be assessed a late payment fee for payments received after the drop/add period, which are not part of a previously established payment plan.

Schedule Adjustment Period

After the drop/add period students may officially withdraw from any course during the schedule adjustment period and receive a grade of W. This period extends until the 60 percent date of the session in which the course is held. These dates in each session are publicized on the Academic Master Calendar and on the Registrar's website. Students may not withdraw from individual courses after the schedule adjustment period.

Graduate Credit During Senior Year

Salisbury University undergraduates within nine semester hours of completing requirements for the baccalaureate degree, who have a cumulative GPA of at least 2.75 (3.25 in business), may register for graduate credit to be taken concurrently with the remaining courses in the baccalaureate program, providing they have obtained prior authorization from the appropriate graduate program director on the Application for Graduate Credit in Senior Year form (there is no fee for this form) and space available in the class. Students within six hours of the baccalaureate degree may enroll in up to six hours of graduate credit. Those within seven to nine hours of the bachelors may take up to three graduate credits. Graduate coursework taken under this arrangement cannot be applied to the undergraduate degree program and will be billed at the graduate credit rate in addition to the undergraduate costs.

Declaration/Change of Major

The University encourages undergraduates to seek guidance from professionals within their fields of interest by recommending that they declare a major as early in their programs as possible. Students are required to declare a major upon completion of 45 semester hours of coursework. Students may declare more than one major. Students wishing to declare or change their major should submit a completed Change of Major request through their GullNet account.

Pass/Fail Credit Option

During their junior and senior years, undergraduates may take courses on a pass/fail basis, subject to the following conditions:

1. Courses taken on a pass/fail basis may not be used to satisfy General Education, major or minor requirements with the exception of non-traditional credit awards and field-based courses where pass/fail is the only grading option. In addition, courses used to satisfy the University's 300/400 level requirement may not be taken on a pass/fail basis.

2. Students may take as many as four courses under the pass/fail option but may elect only one pass/fail credit course per semester unless a course is offered only on a pass/fail basis.
3. Students on academic probation may not elect to take any courses on a pass/fail basis if the courses are offered for a grade.

Individual courses can be designated as pass/fail by submitting a properly completed Change Form for PS/F, AU, Credit Hours to the Registrar's Office. Changes to or from pass/fail are permitted only during the preregistration, registration and drop/add periods. Forms may be found at www.salisbury.edu/registrar.

Auditing Courses

Audited courses bear the same tuition and fees as for credit coursework graded in a traditional manner. Audited courses cannot be used to satisfy any graduation requirement. Students are assigned W grades for non-attendance. Individual courses can be designated as audit by submitting a properly completed Change Form for PS/F, AU, Credit Hours to the Registrar's Office. Changes to or from audit are permitted only during the preregistration, registration and drop/add periods.

Repeating Courses

Unless otherwise indicated in the course description, undergraduates may not receive credit more than once for courses covering the same or similar content or topics. Multiple occurrences of the same course will be allowed for topics courses covering different material, independent study courses, performance courses, and other courses where the course descriptions and department policy allow.

Students repeating a course covering the same or similar content will receive credit for the last occurrence of the course only, provided the course is graded A, B, C, D, F or I. Repeated coursework is noted as such on the student record, remains in the student's attempted hour calculations, and is removed from the earned hour, quality point and GPA calculations.

Courses in the Henson School of Science and Technology may only be repeated once. Students who wish to repeat a course a second time must obtain approval from the Henson School Dean's Office (see Appendix F).

An exception to the repeat rule may be executed by the Admissions Policy Committee as a result of an academic integrity violation. Consult the Academic Integrity Policy found in the Student Handbook and the Office of Student Affairs for further details.

Henson School Course Repeat Policy

Students may repeat courses offered by the Henson School of Science and Technology one time at SU without special permission. This policy applies to all undergraduate courses offered in the Henson School of Science and Technology. Details for the policy are found in Appendix F.

Credit Hours and Course Loads

Where undergraduate lecture courses are concerned, one credit is granted for approximately one class hour per week. Because of the nature of activity, laboratory, performance, studio and other types of courses, more in-class time is typically required. Students are expected to support each credit for which they enroll with a minimum three hours per week of combined classroom, laboratory, performance, studio and outside study activities, based upon their individual registrations. Thus, students enrolling in 15 credits should spend a minimum of 45 hours in coursework related activities each week.

Most programs at the University are designed for completion within a four-year time period, provided the student completes an average of 15 to 16 credits of coursework each regular semester. While 12 to 19 credits is considered full time for tuition purposes, 15 credits is considered by the University to be an average load. Students registering for more than 19 fall/spring semester, 8 summer terms and/ or 7 winter term credits must receive written approval of their advisor and the dean of the school housing their major. Students may obtain the appropriate form from the Registrar's Office or the registrar's website.

STUDENT RECORDS

Change of Name/Student Number

Students wishing to change or correct their name and Social Security number should complete the online paperwork at www.salisbury.edu/registrar.

Change of Address

It is the students' responsibility to keep the University apprised of changes to their permanent, billing and local addresses and telephones by updating their information as necessary through self service on their GullNet account.

Classification of Students

Undergraduates are classified according to the number of semester hours completed with grades of A, B, C, D or PS as follows:

Freshman	0-29	Junior	60-89
Sophomore	30-59	Senior	90 and above

Students also are designated as follows:

► Matriculated Undergraduate Students

Matriculated or degree seeking students are full-time or part-time degree candidates and are assigned a faculty advisor.

► Undergraduate Non-Degree Students

Undergraduate non-degree students (UND) are students usually pursuing one or two courses in a non-matriculated status. There are two types of UND students:

1. Students who are pursuing one or two courses for personal or professional development. Upon completion of 30 semester hours, these students must apply for admission to the University as matriculated students.

2. Restricted-status students, whose admissions have been revoked for inadequate academic performance, but who are permitted to continue to attend the University under the direction of the Office of Academic Affairs.

Concurrent Enrollment

High school juniors and seniors may register for no more than two courses per semester as a non-degree student while still attending high school. They must submit a Guest/Non-degree registration form available on the University website (www.salisbury.edu/registrar/forms) and a concurrent enrollment form, along with a residency form if seeking in-state tuition rates. A letter of permission from the local school board or school administrator including authorized signature must be submitted with the registration form. Registration is subject to course availability.

Full-Time/Part-Time Enrollment Status

Enrollment status (full- or part-time) is determined by the number of credits students have completed or are pursuing.

Undergraduates enrolled for 12 or more semester hours pay full-time tuition and fees, regardless of classification. Undergraduates enrolled for 11 or fewer semester hours pay tuition assessed on a per-credit basis and pay part-time fees.

During winter and summer terms, tuition and fees are not determined by enrollment status; they are determined by credit hours. Students may enroll for up to seven credits for winter term and up to eight credits for each summer term.

UNDERGRADUATE GRADING SYSTEM

The following grades are used to indicate undergraduates' achievement in individual courses:

A - Excellent

Denotes superior achievement. The A grade is reserved for outstanding performance.

B - Very good

Denotes high achievement. It is a mark of distinction.

C - Satisfactory

Denotes adequate achievement.

D - Passing

Denotes marginal achievement. The D grade indicates minimal exposure to the principles and techniques presented.

F - Failure

Denotes inadequate achievement.

The following symbols are not accompanied by quality points and do not contribute to students' grade point averages. They may, however, appear on students' permanent records and are defined accordingly.

I - Incomplete

Noncompletion of a course due to unavoidable circumstances beyond the student's control. The I automatically becomes an F if coursework is not completed prior to midsemester of the next full semester for which the student is enrolled, or at the end of one calendar year, whichever is earlier.

PS - Pass

A passing grade for credit-bearing courses taught or taken on a pass/fail basis.

S - Pass

Not for University credit—a passing grade in those courses which cannot be applied to undergraduate degree requirements.

CS - Continuing Satisfactorily

Satisfactory progress in a developmental studies course which extends into a subsequent semester.

U - Unsatisfactorily

Unsatisfactory progress in those courses which cannot be applied to undergraduate degree requirements.

AU - Audit

Approved attendance without credit.

W - Withdrawal

Official withdrawal from a course during the schedule adjustment period.

WP/WF - Withdrawal Passing/Withdrawal Failing

Official withdrawal from a course after the schedule adjustment period, denoting passing or failing status at the time of the withdrawal.

NR - Grade Not Reported by Instructor

IP - In Progress

Used for grading ongoing theses and research projects, internships, or independent studies which extend into a subsequent term. Unlike the I grade, the IP grade does not automatically become an F at the end of a given time interval.

X - Clemency Grade

Preceding a grade of D or F (XD, XF) denotes that academic clemency has been granted for the course, and that the course has been removed from attempted hours (AHRS), earned hours (EHRS), quality hours (QHRS) and the grade point average calculations.

NOTE: Students who need to meet eligibility criteria for athletics, financial aid, scholarships, etc. should be aware that courses with grades of W, WP, WF, I or IP will not be included in credits successfully completed.

Undergraduate Grade Point System

Only courses completed at Salisbury University or through certain approved cooperative programs, and assigned grades of A, B, C, D and F, are used in the grade point average (GPA) calculations.

Grade point averages are calculated in the following manner:

1. Quality points are assigned to letter grades such that A=4, B=3, C=2, D=1 and F=0. Quality points for individual courses are computed by multiplying the quality points assigned an individual letter grade by the credit hours received for the course.
2. The current or semester GPA is calculated by dividing the quality points earned for all applicable courses (QPTS) for the semester by the credit hours received for those courses (QHRS) during the semester, for example:

Course	Credit Hours	Grade	Quality Points
English 101	3	B	9
History 101	3	D	3
Chemistry 121	4	A	16
Math 103	3	C	6
Art 104	3	F	0
Totals:	16 QHRS		34 QPTS
34 QPTS/16 QHRS=2.12 Current GPA			

3. The cumulative GPA is calculated by dividing the total quality points earned (QPTS) for all semesters by the total applicable credit hours (QHRS).

Undergraduate Transfer of Credit from Other Institutions

For graduate transfer information see the Graduate Student Information section, Page 15.

Students who have attended other regionally accredited institutions may be admitted to the University based upon the current transfer admission policy.

► General Transfer Policies

1. Transferred coursework is not included within the Salisbury University current or semester or cumulative GPA calculations. Likewise, Salisbury University coursework repeated at another institution will not impact the current or semester or cumulative GPA calculations. However, coursework grades from other institutions may be used along with coursework completed at Salisbury University when determining eligibility for participation in major and minor programs and other study options.
2. Students must complete 30 of the last 37 hours of coursework at Salisbury University. However, students enrolled in approved cooperative programs or study abroad options may request to have additional coursework included in their final 37 hours.
3. Coursework completed at other institutions is evaluated for transfer by the Admissions Office. A maximum of 90 credit hours from two- and four-year institutions, and 64 credit hours from two-year institutions, may be applied to the 120 credit hour minimum required for graduation. Transferred coursework may be used to satisfy General Education requirements at Salisbury University and, when approved, coursework requirements for major and minor programs and other study options.
4. Official transcripts of all coursework completed at other institutions must be received by the Admissions Office prior to preregistration at mid-semester of the student's first semester (fall or spring) at Salisbury University. The University reserves the right to refuse the transfer of coursework where official transcripts are not received in a timely manner.
5. Questions related to the evaluation of transferred coursework should be directed to the Admissions Office. Appeals should be directed to the Office of the Registrar within one academic year of the student's first attendance. Evaluations which are more than one year old are not subject to appeal.

► Taking Courses at Another Institution

Currently admitted, degree-seeking students at Salisbury University may transfer coursework from other regionally accredited institutions (Middle States Association of Colleges and Schools, Northwest Association of Colleges and Schools, North Central Association of Colleges and Schools, New England Association of Colleges and Schools, Southern Association of Colleges and Schools and Western Association of Schools and Colleges) based upon the following policy:

1. Coursework must be pre-approved by the Registrar's Office. Courses without prior articulation must be approved by the department chair for that discipline. Additionally, coursework

applicable to the student's major or minor may need to be approved by the department chair for that major or minor. Request to Study at Another Institution forms are available online. It is the student's responsibility to review the academic requirements report to determine the applicability of a course to the student's program.

- Coursework must be completed with grades of A, B, C or PS (where courses are graded on a pass/fail basis only). Grades are not calculated in the student's Salisbury University GPA.
- Official transcripts of the coursework completed must be received from the other institution by the close of the student's next semester (fall or spring) at Salisbury University.
- Students must complete 30 of the last 37 hours of coursework at Salisbury University. Exceptions to this policy must be pre-approved by the Academic Affairs Office.

Coursework completed by students enrolled in the Inter-Institutional Registration Program of the University System of Maryland will be treated as credit earned at Salisbury University. Coursework will be applied toward graduation requirements, and grades included within the GPA calculations at the University.

Inter-Institutional Dual Enrollment and Cooperative Dual-Degree Programs

Credit earned while students are enrolled in the Inter-Institutional Concurrent Enrollment Programs with University System of Maryland member institutions is treated as credit earned at Salisbury University. Coursework and grades earned as a part of this program are included within the University attempted hour, earned hour, quality point and grade point average calculations.

Withdrawal from the University

Students may withdraw from the University no later than 5 PM on the last day before the final week of classes (see Academic Calendar for exact dates). Students who withdraw from the University must complete a withdrawal request in their GullNet account. Withdrawals requested after Add/Drop and before the end of the Schedule Adjustment Period will receive a grade of W. After the Schedule Adjustment Period, approved withdrawals will receive grades of WF or WP to denote the grade status at the time of withdrawal. Non-attendance of classes does not constitute an official withdrawal from the University and does not relieve students of their financial obligations. Students who do not officially withdraw from the University forfeit their right to any tuition refund. Matriculated students who have withdrawn from the University and wish to be reinstated may submit an Application for Readmission to the Registrar's Office (available at www.salisbury.edu/registrar).

Readmission

Matriculated undergraduates who do not enroll at the University during a regular fall or spring semester must apply for readmission through the Registrar's Office. Students may only apply for readmission once they have met the minimum criteria for readmission. Students must declare a major at the time of readmission. Forms for readmission are available at the Registrar's Office or online at www.salisbury.edu/registrar/forms.html.

Students who have attended other institutions since leaving Salisbury University must arrange to have official transcripts sent from those institutions directly to the Registrar's Office.

The deadline for applications for fall semester is July 1; for the spring semester, December 1. However, the University reserves the right to close readmission when the enrollment limit has been met.

Transcripts

The Registrar's Office issues transcripts only upon the (electronic) written request of the student. All financial obligations to the University must be met before transcripts are issued. Requests can be made online at www.salisbury.edu/registrar/transcripts.html.

NON-TRADITIONAL CREDIT POLICIES

Salisbury University recognizes several methods in which undergraduates can demonstrate academic competence in specific areas outside the traditional classroom setting. Therefore, the University awards college level credit to students proving competence in academic areas through certain examinations and educational programs.

Undergraduates may apply up to 60 semester hours of credit by examination coursework to the completion of a baccalaureate degree. Credit by examination coursework can be used to satisfy general education, major and minor requirements with the appropriate approval. Students who have completed or are enrolled in advanced courses may not receive credit by examination coursework for lower-level courses in the same subjects.

Any changes associated with credit by examination can be found on the SU website.

Advanced Placement (AP)

Undergraduates who have completed Advanced Placement (AP) courses in high school and have taken the corresponding College Board examination may be entitled to advanced standing credit at Salisbury University. Find minimum score and coursework equivalency information under Credit by Examination at www.salisbury.edu/registrar. Official examination results should be submitted directly from the College Board to the Admissions Office.

College-Level Examination Program (CLEP)

Undergraduates who have attained competence in college-level subjects through extensive reading or other experiences may gain credit through one or more of the College Board's College-Level Examination Program (CLEP) general or subject examinations. Minimum score and coursework equivalency information, information regarding charges and applicable course credit costs are available online at www.salisbury.edu/registrar. Official examination results should be submitted directly to the Registrar's Office.

Departmental Challenge Examinations

Undergraduates who wish to fulfill course requirements and earn credit for a course by challenge examination in lieu of classwork may do so with the approval of the appropriate department chair. A student who has not enrolled at Salisbury

University is not eligible to take a challenge examination. Contact the academic department for information regarding course challenge exams.

International Baccalaureate (IB) Examinations

Undergraduates who have completed higher level International Baccalaureate (IB) courses in high school and have taken the corresponding IB examination may be entitled to advanced standing credit at Salisbury University. Contact the Registrar's Office for minimum score and coursework equivalency information. Official examination results should be submitted directly to the Registrar's Office. A maximum of 30 semester hours of advanced standing coursework will be awarded for IB related courses.

Military Credit

Credit for military educational experiences will be evaluated upon receipt of a student's official Joint Services Transcript (JST). Only official military documents or transcripts can be used for the awarding of credit. The award of academic credit for military training, coursework or education is subject to the applicability of those credits to a student's program of study. Credits may need review by appropriate academic departments. Credit will not be awarded for correspondence courses.

Students can request their official military transcripts for service in the Army, Air Force, Coast Guard, Navy, Marine Corps from <https://jst.doded.mil>.

Students should have their military transcripts released to Salisbury University electronically.

The awarding of academic credit for a student's military training, coursework or education will be based upon the following nationally accepted assessment methods:

- American Council on Education (ACE) College Credit Recommendation Service
- American Council on Education (ACE) Military Guide
- College level Examination Program (CLEP)
- DANTES Subject Standardized Test (DSST) Program
- Joint Services Transcripts (JST)
- Advanced Placement (AP) Program of the College Board
- International Baccalaureate (IB) Exams

Salisbury University also offers Departmental Exams, Departmental Assessments and Course Challenge for credit.

Limits on transfer credit for military training, coursework or education is governed by the University's Transfer Credit Policies.

Modern Languages and Intercultural Studies Testing Policy

See the Modern Languages and Intercultural Studies Department information section for details.

University Curricula

www.salisbury.edu/academic

GENERAL EDUCATION

All students seeking a bachelor's degree from Salisbury University are required to complete a series of General Education courses. The faculty of the University believe that General Education is an essential element in the University experience and have structured the components of the General Education program to realize both a traditional and a contemporary mission.

The traditional mission is to provide students with a broad experience in the liberal arts. The contemporary mission of General Education is to provide students with a common ground of understanding and competence for meeting the challenges of today's world as educated men and women.

The courses within the General Education program are supported by the Student Learning Goals and Principles, developed and approved by the faculty in 2000. The information regarding the knowledge, skills and dispositions deemed essential for a Salisbury University graduate can be found in Appendix C.

General Education at Salisbury University consists of a minimum of 12 courses organized into five groups of related subject matter.

Group I

Group I coursework is intended to develop students' competence in written expression.

Group II

Group II offers courses in the area of history, offering a perspective on times and cultures other than our own while fostering a sense of the interconnectedness of our world.

Group III

Group III offers courses in the areas of humanities and social science, affording perspectives and insights into beauty and truth embodied in the traditional disciplines of the humanities as well as the interaction of humans with each other in a social world.

Group IV

Group IV involves experiences in the scientific method and the structures on which it is based, and which lead to an appreciation of the interdependence of humans and the natural world.

Group V

Group V is designed to enhance students' understanding of the body, its movement and the values of fitness.

General Education Requirements

All programs leading to the bachelor's degree include a minimum of 12 courses in approved General Education courses. Some majors designate certain required courses within the General Education courses. Students may learn of these specific requirements from their major departments. The General Education requirements are as follows:

Group I—English and Literature: two courses

- A. Complete the following course with a grade of C or better:
- | | | |
|----------|-------------------------------|---------|
| ENGL 103 | Composition and Research | Credits |
| or | | |
| HONR 111 | Critical Thinking and Writing | 4 |
| | (if in the Honors Program) | |
- B. Select one course in literature from either the English or Modern Languages and Intercultural Studies departments
- | | | |
|--|--|---|
| | | 4 |
|--|--|---|

Group II—History: two courses

- A. Complete one of the following courses:
- | | | |
|----------|-------------------------------------|---------|
| HIST 101 | World Civilizations I | Credits |
| HIST 102 | World Civilizations II | 4 |
| HIST 103 | First Year Seminar in World History | 4 |
- B. Complete one of the following courses:
- | | | |
|----------|-------------------------------------|---------|
| HIST 101 | World Civilizations I | Credits |
| HIST 102 | World Civilizations II | 4 |
| HIST 103 | First Year Seminar in World History | 4 |
| HIST XXX | History course above HIST 103 | 4 |

Group III—Humanities and Social Sciences: three courses

- A. Select one course from the following areas:
Art, Communication, Dance or Theatre, Modern Languages, Music, Philosophy, HONR 211 (if in the Honors Program)
- B. Select one course from the following areas:
Anthropology, Conflict Analysis and Dispute Resolution, Economics or Finance, Environmental Studies, Human Geography, Political Science, Psychology, Sociology, HONR 112 (if in the Honors Program)
- C. Select one course from either Group IIIA or Group IIIB (course may not be from the same area selected for IIIA or IIIB).

Group IV—Natural Science, Math, Computer Science: four courses

- A. Select two courses with laboratories from at least two of the following four areas:
Biology, Chemistry, Geology or Physical Geography, Physics
- B. Select one course (need not include a lab) from Group IVA or Computer Science or Environmental Studies or Mathematics or HONR 212 (if in the Honors Program)
- C. Select one math course.

Group V—Health Fitness: one course

- | | | |
|----------|-------------------------------|---------|
| FTWL 106 | Lifelong Fitness and Wellness | Credits |
| | | 3 |

UNDERGRADUATE DEGREE PROGRAMS

The University offers undergraduate programs leading to the Bachelor of Arts, the Bachelor of Fine Arts, the Bachelor of Science and the Bachelor of Arts in Social Work. Minimum requirements for graduation include satisfactory completion of 120 semester hours, 45 of which must be in prescribed General Education courses. Some majors require more than 120 semester hours, usually to meet accreditation standards. See the particular department for details.

The following is a list of majors offered by Salisbury University and arranged by the school in which the majors are housed. Many of the majors include concentrations and several departments also have minor programs of study.

► Fulton School of Liberal Arts

Art (B.A. or B.F.A.)
Communication Arts (B.A.)
Conflict Analysis and Dispute Resolution (B.A.)
English (B.A.)
English to Speakers of Other Languages (ESOL)/
K-12 ESOL Certification (B.A.)
Environmental Studies (B.A.)
French (B.A.)
History (B.A.)
Interdisciplinary Studies (B.A. or B.S.)
International Studies (B.A.)
Music (B.A.)
Philosophy (B.A.)
Political Science (B.A.)
Psychology (B.A.)
Sociology (B.A.)
Spanish (B.A.)
Theatre (B.A.)

► Henson School of Science and Technology

Biology (B.S.)
Chemistry (B.S.)
Computer Science (B.S.)
Earth Science (B.S.)
Geography (B.S.)
Mathematics (B.S.)
Medical Laboratory Science (B.S.)
Nursing (B.S.)
Physics (B.S.)
Respiratory Therapy (B.S.)

► Perdue School of Business

Accounting (B.S.)
Business Economics (B.S.)
Economics (B.A.)
Finance (B.S.)
Information Systems (B.S.)
International Business (B.S.)
Management (B.S.)
Marketing (B.S.)

► Seidel School of Education and Professional Studies

Community Health (B.S.)
Early Childhood Education (B.S.)
Elementary Education (B.S.)
Exercise Science (B.S.)
Physical Education (B.S.)
Social Work (B.A.S.W.)

Collaborative Undergraduate Degree Programs

Sociology (UMES) - Social Work (SU)
Biology (SU) - Environmental Science (UMES)

MSDE Teacher Education Programs

MSDE (Maryland State Department of Education) approved teacher education programs are offered in the following areas:

Biology	History/Social Studies
Chemistry	Mathematics
Early Childhood Education	Music K-12
Earth Science	Physical Education K-12
Elementary Education	Physics
English	Spanish
French	

Specific statements on degrees and requirements are listed under each school's section.

Upper-Division Certificate

Geographic Information Science Fundamentals

GRADUATE DEGREE PROGRAMS

The University offers graduate programs leading to the Master of Education, the Master of Science, the Master of Arts, the Master of Arts in Teaching (cooperatively with the University of Maryland Eastern Shore), the Master of Business Administration, Master of Social Work, Doctor of Education and Doctor of Nursing Practice.

The following is a list of graduate degree programs offered by Salisbury University and arranged by the school in which the programs are housed. For more information on requirements for graduate degrees, see the department sections of this catalog.

► Fulton School of Liberal Arts

Conflict Analysis and Dispute Resolution (M.A.)
English (M.A.)
History (M.A.)

► Henson School of Science and Technology

Applied Biology (M.S.)
Applied Health Physiology (M.S.)
Geographic Information Systems (GIS) Management (M.S.)
Mathematics Education (M.S.M.E.)
Nursing (M.S.)
Doctor of Nursing Practice (D.N.P.)
[Post-M.S. and Post-B.S. Options]

► Perdue School of Business

Business Administration (M.B.A.)

► Seidel School of Education and Professional Studies

Athletic Training (M.S.A.T.)
Curriculum and Instruction (M.Ed.)
Education (M.Ed.)
Educational Leadership (M.Ed.)
Doctor of Education - Contemporary Curriculum Theory and Instruction: Literacy (Ed.D.)
Reading Specialist (M.Ed.)

Social Work (M.S.W.)
Teaching (M.A.T.) [Biology, Chemistry, Earth Science, English,
French, History, Mathematics, Music, Physics, Spanish]
TESOL K-12 Certification

Graduate Certificates

Advanced Technology for Enterprise Systems,
Post-Baccalaureate Certificate
Family Nurse Practitioner, Post-Doctorate of Nursing Practice
Certificate of Completion
Health Care Management, Post-Baccalaureate Certificate
Teaching English to Speakers of Other Languages (TESOL),
Post-Baccalaureate Certificate

Collaborative Graduate Degree Programs

Master of Arts in Teaching (SU/UMES)

UNDERGRADUATE GRADUATION REQUIREMENTS

For specific graduate-level graduation requirements refer to the Graduate Programs section of the school in which the desired graduate program is located.

Student Responsibility For Satisfying Graduation Requirements

The faculty and administration have established the following policies and procedures for the guidance and evaluation of student performance and to help ensure the quality of education provided by the University.

To graduate from Salisbury University students must be matriculated and complete approved degree programs. To be matriculated, students must be accepted for admission as degree candidates and enroll in courses.

Matriculated students are responsible for planning their programs to meet University and departmental graduation requirements. As students plan their programs they need to recognize that the catalog is an information guide and not a contract nor an offer to make a contract. The University has the authority to change degree requirements, prerequisites, course schedules, grading systems, fees and related matters. Wherever possible, however, the University implements changes in ways that do not create hardships for students who are already enrolled.

Catalog Selection

A matriculated student can usually meet University and departmental graduation requirements stated in any University catalog that meets the following conditions:

1. The catalog was issued within the seven years preceding the student's graduation.
2. The catalog was in effect during a semester when the student was either matriculated at Salisbury University or at a Maryland community college.
3. The catalog meets all requirements of relevant external agencies.
4. The catalog does not require the University to adhere to policies or provide services, curriculum or facilities no longer in effect or necessary.

Matriculated students must satisfy all graduation requirements in the catalog they select.

Application for Diploma/Graduation

Students must apply for graduation by submitting an Application for Diploma form through their GullNet self-service account at least one semester prior to their intended date of completion (deadlines are posted on the University's website at www.salisbury.edu/commencement). The academic records of degree candidates who apply for graduation on time are audited for graduation requirements, and the candidates are notified of any deficiencies, giving them an opportunity to satisfy any remaining, unfulfilled requirements during their last semester of enrollment. The Registrar's Office reserves the right to move students' intended date of completion or to cancel their Application for Diploma if it appears that they will not or do not meet their degree requirements. Degree candidates have the responsibility of keeping the Registrar's Office apprised of any changes in their graduation plans.

Graduation Requirements

To be eligible to graduate, students must meet the following requirements:

1. Be matriculated in the University.
2. Successfully complete at least 120 credit hours of coursework with a cumulative grade point average of 2.0 or higher. Students must take 30 of the last 37 credit hours at Salisbury University (special cooperative programs are exempt). Students completing their course requirements through an approved study abroad program are exempt from this policy.
3. Complete at least 30 credit hours at the University by direct classroom instruction and/or laboratory experience and not through credit by examination.
4. Complete at least 30 credit hours at the 300/400 level with grades of C or better. Transfer students must complete at least 15 hours of their 30 upper-level credits at Salisbury University (note: other than field-based courses in the Seidel School of Education and Professional Studies, courses taken on a PS/F basis do not satisfy this requirement).
5. Satisfy the General Education requirements.
6. Satisfy the requirements in at least one major program of study including the major's required grade point average.
7. Earn grades of C or better in English 101, English 102 or English 103.
8. Submit an Application for Graduation to the Registrar's Office by the appropriate date.
9. Make arrangements for the repayment of any outstanding debt.
10. Return all materials borrowed from the library or academic departments.

Graduation With Honors

The student's eligibility for graduation with honors is determined by the honors standards in place at the time the student graduates.

Recognition of graduation with honors at the commencement ceremonies is based on the student's cumulative grade point average at the end of the previous grading period. Students recognized at the ceremony may or may not ultimately earn graduation with honors. The official recognition of graduation with honors is based on the student's final grades and appears on the student's official transcript and diploma.

In order to be eligible for graduation honors, students must complete a minimum of 56 graded hours of coursework at Salisbury University, in which at least 30 hours of 300/400-level courses are completed with grades of A, B or C. In addition, students must have minimum Salisbury University grade point averages as follows: cum laude: 3.5; magna cum laude: 3.7; summa cum laude: 3.9. Students completing a second bachelor's degree will be eligible to graduate with honors only if they meet all graduation with honors criteria using credits earned after their prior graduation.

Minor Programs

Unless required for the completion of a specific major program, minor programs are an optional component of the graduation requirements. Students may complete and graduate with more than one minor. Minor programs must be completed at the time of graduation and appear as a part of the student's degree when satisfactory completion is certified by the Registrar's Office.

Double Majors

Students may simultaneously satisfy the requirements for more than one major program. All major programs appear as a part of the student's degree when satisfactory completion is certified by the Registrar's Office. Students completing more than one major receive one baccalaureate degree from Salisbury University unless all requirements for the second degree program taken simultaneously have been satisfied.

Second Bachelor's Degree Programs

► Taken Sequentially

Individuals who hold a baccalaureate degree from Salisbury University or another regionally accredited institution may earn a second undergraduate degree in a different major at the University. Second degree students must complete a minimum of 30 new semester hours of coursework with a cumulative grade point average of at least 2.0 and satisfy all requirements for the major. In addition, 15 of the 30 new hours must be in coursework from the major department that could be used to satisfy program requirements.

Second bachelor's degree candidates will be eligible to graduate with honors only if they satisfy all graduation with honors requirements using credit earned after the completion of their prior degree.

► Taken Simultaneously

Individuals who wish to receive two baccalaureate degrees from Salisbury University simultaneously, must complete a minimum of 150 semester hours of coursework, and must fulfill the regularly prescribed requirements for both degree programs. Students should formally declare all major programs as early in their academic career as possible and are encouraged to seek advisement from each department to ensure completion of all requirements in each degree. The student's desire to receive two degrees must be noted on the Application for Diploma form when applying for graduation.

► SU/UMES Second Degree Program

In addition to the credit exchange program with the University of Maryland Eastern Shore (UMES), Salisbury University and UMES allow students to complete baccalaureate programs at both institutions simultaneously. The student must satisfy baccalaureate degree requirements at the University of Maryland Eastern Shore for a program of

study which is not available at Salisbury University and must also satisfy all requirements in a major offered at SU. In addition, the following particular requirements apply to this program:

1. The 90 (or more) credit hours of work at Salisbury University must be completed with an SU grade point average of 2.0 or better; at least 30 of these credits must be taken on the SU campus (cooperative program credits, examination credits, etc., may not be so counted), and of these, at least 15 hours must be completed at SU at the 300 or 400 level with grades of C or better.
2. The Salisbury University catalog which contains the program requirements the student is satisfying at SU may not predate by more than seven years the time of the student's graduation; and the student must have been in attendance at SU as a matriculated student during a semester in which the catalog was in effect.
3. The student must satisfy all graduation requirements as stated in an approved SU catalog, except those requiring matriculation at the University at the time of graduation and completion of the last 30 hours of work at the University.
4. In order to graduate from Salisbury University with honors, the requirements stated in the catalog which the student has chosen will be in effect. Only SU credits are used in computing the SU grade point average.
5. The student's grade point averages at SU and at UMES must be 2.0 or better.

Students who participate in the cooperative dual-degree program must register this fact with the departments of their SU majors. The granting of the baccalaureate degree from Salisbury University and the granting of the baccalaureate degree from the UMES will occur when requirements in both degree programs have been satisfied.

University Writing Across the Curriculum Expectations

Students satisfying graduation requirements must earn grades of C or better in English 103 (ENGL 101 and 102 prior to fall 2008).

The faculty believes that the ability to express ideas in a logical, organized and convincing manner is an integral part of a liberal arts education. Students are expected to maintain and continually demonstrate this ability in written assignments. Consequently, they can expect some formal written work as part of the evaluation in essentially all of their classes.

Technology Fluency Policy

It is the policy of Salisbury University that all students graduating from this institution can demonstrate an appropriate level of fluency with information technology with regard to discipline-specific requirements within academic departments. The discipline-specific requirements will be defined from four broad technology knowledge context areas: basic operations and concepts; accessing information through technology; communicating effectively using technology; and organizing and analyzing information with technology.

Common Final Exam Policy

(Adopted by Faculty Senate in 2007)

A student who has more than two final examinations scheduled for the same day need not take more than two of these examinations on that day. A student may work with the professors to reschedule excess exams within these

guidelines: 1) can not reschedule the first exam, 2) can not reschedule any common exam (e.g., ENGL 101, 102, PSYC 101) and 3) when possible, reschedule the middle exam when it is not a common exam. A student must abide by the following procedure when requesting to reschedule examinations:

- a) must reschedule exam no later than one full week before the final examinations begin,
- b) must provide each of the professors involved with a written copy of his/her complete examination schedule, including course numbers, section numbers and name of professors.

The professors of courses whose examinations are not scheduled in the first time slot and are not common exams will reschedule their examinations within the final examination period on a day in which the student has fewer than two scheduled examinations. The professor will notify the student when and where the examination will be given. In the event the professor contacts the other professors involved and makes alternate arrangements for the student to take no more than two examinations in a day, the professor will inform the student of those arrangements prior to the last day of classes.

A student who has more than one examination scheduled for the same time should contact the appropriate professors and make alternate arrangements.

INTERNATIONAL EDUCATION

Salisbury University is committed to encouraging students to participate in learning opportunities on and off campus that increase their global awareness and prepare them for an increasingly interdependent world. The Salisbury University Center for International Education was created to help expand international opportunities for all SU students, faculty and staff. For more information see the Center for International Education's website at www.salisbury.edu/intled.

Curriculum

The University offers more than 150 undergraduate courses that are either entirely international in focus or that contain international core components. Students in all disciplines can avail themselves of these courses as part of their undergraduate studies. Regardless of their discipline, all students are encouraged to study a second language as part of their undergraduate experience. Students for whom English is a second language will find a variety of services to help them to improve their English skills.

Co-curricular Activities

There are many opportunities over the academic year outside the classroom for students to be exposed to cultures from around the world. International co-curricular activities include performing artists, art exhibitions, lecture series and film festivals, among other activities. Numerous student groups and clubs participate in volunteer and outreach opportunities to regional immigrant communities. Student groups celebrate diverse world religions, cultural traditions and world languages.

Study Abroad

Salisbury University strongly encourages students to pursue international learning experiences by studying, interning, volunteering and working abroad. A full description of learning opportunities abroad can be found at the Center for International Education website at www.salisbury.edu/intled.

► Faculty-Led Short-Term Study Abroad

Students can earn SU credits on short-term, faculty-led international programs during the winter and summer session. Programs are available in many majors. Past destinations include France, Germany, China, Honduras, Iceland, Estonia, Ecuador, Spain, Italy, England, New Zealand, India, Africa, Argentina and Scotland. Programs run from one to five weeks. New programs are being added every year.

► "Salisbury Abroad" Semester Programs

The "Salisbury Abroad" programs allow Salisbury University students the opportunity to spend a semester at a university in China, Ecuador, Estonia, England, India, Spain and Scotland. The cost of the program is equivalent to one semester of study at SU. Non-SU students are also welcome to participate in the program. Courses in the program generate an SU transcript and SU credits.

► Affiliated Semester Programs

Salisbury University manages six affiliation agreements with international study abroad providers. Through these affiliation agreements, Salisbury University students can study a full semester in any major at hundreds of sites around the world. The affiliation agreements stipulate that students' credits will transfer back to SU and students' financial aid packages can be applied to the semester studying abroad. Recently, SU students have studied on every continent except Antarctica.

► Internships, Volunteer, Teach, Work Abroad

The SU Center for International Education also helps students find opportunities to complete internships, volunteer, teach English or work abroad. For more information contact the SU Center for International Education

► Exchange Visitor (J-1) Program

The J-1 Exchange Visitor Program is managed by the U.S. Department of State. Since 1961, it has promoted mutual understanding between the people of the United States and the people of other countries through educational and cultural exchanges. Sponsor institutions and exchange visitors are required to comply with the Exchange Visitor Program regulations as set forth by the U.S. Department of State. Salisbury University has been designated as a J-1 Exchange Visitor sponsoring institution since 2010 in the categories of Student, Short-Term Scholar and Professor. Scholars and Professors may become members of the academic staff who teach/lecture, observe, conduct research, or consult for anywhere from a few weeks up to five years. For more information or guidelines on how to invite an Exchange Visitor, visit www.salisbury.edu/intled/iss/exchangevisitor.

International Students and Scholars

The Office of International Student and Scholar Services was created to address the needs of an expanding population of international students and scholars on campus. The services are coordinated by the international student and scholar advisor and are located in the Center for International Education. The international student and scholar advisor provides guidance through the admissions process and grants formal admission to the University.

After admission/acceptance, the international students who wish to enter the U.S. in F-1 and J-1 immigration status must provide proof of the ability to finance their education. In addition, those students must secure a valid passport, F-1 or J-1 visa and enter the U.S. in appropriate immigration status.

The international student and scholar advisor is the United States Department of Homeland Security designated school official to provide assistance in completing the various documents required to gain and maintain official approved status with DHS and DOS. Additionally, the advisor assists international students with cultural adjustment as well as personal and academic concerns through individual counseling and/or referral. Orientation to campus and the greater Salisbury area, health and insurance information, academic and personal counseling, as well as providing cultural programs to integrate international and American students are all a part of introducing international students and scholars to their new way of life.

For more information please visit www.salisbury.edu/INTLED/iss.

English Language Institute

The English Language Institute (ELI) at Salisbury University offers a high-quality, comprehensive, intensive program in the English language for non-native speakers. This program provides English language instruction on all levels, preparation for international students seeking entrance to an American university and academic support for students who wish to fully enroll in degree-seeking programs at SU. It also facilitates participants' successful cultural adjustment to the classroom, as well as to the general environment of an American college. SU has a strong institutional commitment to inclusiveness, excellence and diversity that is manifested in the ELI. For more information, visit www.salisbury.edu/intled/eli.

Undergraduate Scholastic Standards and Support Services

For information on graduate scholastic standards refer to the Graduate Student Information section of this catalog, Page 18.

ACADEMIC INTEGRITY

The Academic Integrity Policy can be found at www.salisbury.edu/provost. Questions regarding academic integrity violations should be addressed with the assistant vice president of academic affairs.

Integrity is a principle that permeates all the activities of the University and guides the behavior of faculty, students and staff. The spirit of academic integrity denotes adherence to the precept that "one's work is one's own." The process by which integrity is upheld assumes clear communication of University expectations, standards and policies and clear communication of students' and faculty's rights and responsibilities. This policy applies to both undergraduate and graduate students.

This policy is intended to foster student academic integrity and to address cases of student academic misconduct which may include, but are not limited to, the following:

Lying

Communicating untruths or withholding information as part of an investigation, or in order to gain an academic advantage.

Cheating

The act of wrongfully using or attempting to use unauthorized materials, information, study aids or the ideas or work of another in order to gain an advantage. Acts of cheating include but are not limited to:

- giving unauthorized aid to another student or receiving unauthorized aid from another person on tests, quizzes, assignments or projects;
- using or consulting unauthorized materials or using unauthorized equipment or devices on tests, quizzes, assignments or projects;
- submitting as one's own work material written by someone else, whether purchased or not;
- altering or falsifying any information on tests, quizzes, assignments or projects;
- working on any project, test, quiz or assignment outside of the time constraints imposed;
- submitting an assignment in a somewhat altered form or using any material portion of a paper or project to fulfill the requirements of more than one course unless the student has received prior faculty permission to do so;
- failing to adhere to an instructor's specific directions with respect to the terms of academic integrity or academic honesty;
- using fraudulent methods in laboratory, studio, field, computer work or professional placement;
- other acts generally recognized as dishonorable or dishonest which bear upon academic endeavors.

Misappropriation of Course-Based Intellectual Property

Lectures delivered by faculty in class, as well as course materials faculty create and distribute, are protected by federal copyright law as their original work.

Misappropriation of intellectual property is the act of intentionally taking the intellectual property of faculty or others, and/or the sale or distribution of class notes, tests, assignments or class projects for profit, either directly or through a third party, without the express consent or permission of the faculty member or lecturer, or without documentation to demonstrate the need for such accommodations. Such property includes, but is not limited to, class notes, tests, assignments, class projects or other academically related work.

All academic work undertaken by a student must be completed independently unless instructed otherwise by a faculty member or other responsible party.

Plagiarism

Students are responsible for learning proper scholarly procedures which require that all quoted material be identified by quotation marks or indentation on the page, and the source of information and ideas, if from another, must be identified and be attributed to that source. Acts of plagiarism include but are not limited to:

- intentionally or unintentionally deceiving or disregarding proper scholarly procedures;
- participating in illicit collaboration with other individuals in the completion of course assignments;
- presenting information, thoughts or ideas from another source as if they are your own, or without giving appropriate attribution;
- other acts generally recognized as plagiarism.

ACADEMIC STANDING (UNDERGRADUATE STUDENTS)

The following terminology is used in defining the academic standing policy.

Matriculated Students - Students admitted to the University, attending full- or part-time, pursuing a bachelor's degree. Matriculated students are either in good academic standing or on academic probation.

Good Academic Standing - Students whose SU cumulative GPAs are at least 2.0. Students who are not in good academic standing are either on academic probation or on restricted status.

Academic Probation - Students who are not in good academic standing, but who are still admitted and pursuing degrees. Such students have academic (and other) limitations placed upon them.

Restricted Status - Previously admitted students whose admissions have been revoked because of poor academic performance and who are thereby neither admitted nor pursuing a degree. These students are allowed to register as non-admitted students, but in most cases only part-time.

Dismissed Students - Previously enrolled students who are no longer allowed to attend the University.

Good Academic Standing

Students are admitted to Salisbury University in good academic standing. Students who have received SU grades and whose SU cumulative GPAs are at least 2.0 remain in good academic standing. GPAs will be computed whenever grades are awarded or changed. Consequently a student's academic standing can change at any time.

Unsatisfactory Academic Achievement

Admitted students whose Salisbury University cumulative grade-point averages are less than 2.0 will be placed on academic probation. Students on probation who fail to return to good standing or who fail to meet the criterion which allows them to remain on probation will have their admissions revoked and their academic standing changed to restricted status. Restricted status students may be academically dismissed for inadequate academic performance.

► Academic Probation

Students on academic probation may register for no more than five courses for a total of 16 credit hours per semester and may not elect to take any courses on a pass/fail basis if the courses are offered for a grade.

Admitted students who are in good academic standing at the beginning of a semester (or term or session) but who are no longer in good academic standing at the conclusion of that semester (respectively term or session), will be allowed to register as students on academic probation. At the conclusion of any semesters (or terms or sessions) while on academic probation:

- Students will be returned to good academic standing if their Salisbury University cumulative GPAs are at least 2.0.
- Students who fail to attain good academic standing will be allowed to continue to register as students on academic probation provided they satisfy both of the following conditions: 1) they earn semester (or term or session) GPAs of at least 2.0, and 2) their cumulative GPAs are greater than or equal to the appropriate minimums in the chart that follows.
- Students who fail to attain good academic standing will have their admissions revoked and will be placed on restricted status if either 1) they earn semester (or term or session) GPA less than 2.0, or 2) their cumulative GPAs are less than the appropriate minimums in the chart below. They will be allowed to continue to register for classes as restricted status students.

Credits Earned Toward a Degree (Including transfer credit)	Minimum SU Cumulative GPA
Fewer than 30	1.400
30-35	1.500
36-41	1.600
42-47	1.700
48-53	1.800
54-59	1.900
60 or more	2.000

Note: Students with 60 or more earned credit hours are expected to remain in good standing with a cumulative GPA of 2.0 or better.

► Restricted Status

Restricted status students may enroll in no more than two courses for a total of eight credit hours per semester. There are additional University policies limiting the activities in which students in restricted status may engage. In special circumstances the Office of Academic Affairs may allow restricted status students to exceed these limitations, but in no case will restricted status students exceed the limitations placed upon students on academic probation. Whenever students are placed in restricted status, they will have three registrations (for semesters, terms or sessions) to attain cumulative GPAs of at least 2.0. Students in restricted status who fail to attain Salisbury University cumulative GPAs of at least 2.0 within the three-registration time frame will be academically dismissed. Restricted status students who attain Salisbury University cumulative GPAs of at least 2.0 within the three-registration time frame may apply for readmission through the Registrar's Office or online at www.salisbury.edu/registrar/forms.html. Students placed on restricted status are not eligible for financial aid or on-campus housing, have their preregistered schedules canceled and must register as restricted status students.

► Readmissions Options

The following are readmission options for students who left the University on restricted status:

1. A student who chooses not to attend any post-secondary institution but can demonstrate evidence of good academic promise may apply to SU for readmission on probation after a period of two years.
2. A student who attends another post-secondary institution as a full-time student and meets the following criteria may apply for readmission on probation:
 - must have earned grades that, when averaged with the grades earned at SU, equals a combined 2.0 cumulative GPA (Note: Credits will transfer, but the grades will not.)
 - the cumulative grade point average at each transfer institution must be at least 2.0 to be considered for this option
3. The student who attends another post-secondary institution and either earns less than a 2.0 or is dismissed or placed on academic probation will be denied readmission to SU.

► Academic Dismissal

Academically dismissed students may no longer register for classes at Salisbury University. However, academically dismissed students who have not attended Salisbury University for five years or more and who can provide evidence of good academic promise may apply for readmission as students on academic probation or for classification as restricted status students. Academic dismissal may be appealed to the Office of Academic Affairs.

Academically dismissed students may also qualify for academic clemency after a five-year absence from the University.

ACADEMIC CLEMENCY POLICY

For a variety of reasons, some students may have academic records that do not accurately reflect their academic abilities. To encourage students who have left the University with poor academic records to subsequently return and succeed, the University is prepared to extend academic clemency to students returning to SU.

Students who have not attended the University for at least five years are eligible to apply for academic clemency. Students are only eligible for academic clemency one time during their academic careers, and they must apply during their initial semesters, terms, or sessions as returning students.

Students applying for academic clemency must complete an Academic Clemency Form on which they request to have up to 16 credit hours of D and F work removed from their GPAs by changing these grades to XD and XF, respectively. When academic clemency is granted for D grades, the previously earned credits will be lost and may no longer be applied to any graduation requirements. Students who receive academic clemency are not precluded from graduating with honors. The Academic Clemency Form is available from the Office of Academic Affairs or www.salisbury.edu/registrar/forms.

CLASS ATTENDANCE

The faculty regards the classroom as the center of University life and students are expected to attend all classes. There are no officially excused absences. In the case of an absence, the student is responsible for all material presented and assigned. Each instructor provides students with a written attendance policy at the first class meeting.

ABSENCE NOTIFICATION

Absence notifications are a courtesy offered to students who are unable to communicate with their instructor(s). It is not an official excuse from classes or work missed. Instructor(s) establish their own attendance policies and expectations, and they are under no obligation to accept a notice from the Office of Student Affairs as an official excuse. Moreover, notifications cannot be backdated.

Students are encouraged to communicate with their instructor(s) directly concerning all absences from class. However, in the case of an uncommon circumstance that will keep a student from attending class (generally a sudden or prolonged illness, or the death of an immediate family member) and they are unable to make contact with their instructor, students may request an Absence Notification from the Office of Student Affairs. In these circumstances, students are required to provide their name, student identification number, the first date of absence, the circumstances surrounding the absence and the expected date of return. The Office of Student Affairs will contact the student's instructor(s) and share limited information.

WAIVERS OF ACADEMIC POLICIES AND PROCEDURES

Under unusual circumstances students may wish to seek waivers of academic policies and procedures. In such cases students should consult with their faculty advisors for detailed information about steps for seeking waivers.

SUPPORT SERVICES

Academic Advising

Academic advising is a process which helps students identify their career and life goals and assists in the development of an educational plan that helps students meet these goals. Effective advising occurs when there exists a partnership between the advisor and the advisee; each fulfilling the responsibilities of their role. Students are responsible for seeking out their advisors for assistance in addressing academic issues.

Matriculated students are responsible for their own academic programs and for meeting all University and departmental requirements. To plan coursework effectively, students should regularly review their academic requirements report and transcript available through the GullNet, meet regularly with their advisor and familiarize themselves with the academic regulations and programs described in this catalog and other University publications.

Academic advisors are available for all matriculated students. Students who have declared majors are assigned faculty advisors in their major department. Students who have not declared majors are assigned faculty or professional advisors by the Office of the Academic Affairs.

Students must confer with their assigned academic advisors regarding course selection, requirements and other academic matters prior to registration each semester.

Students registered as undergraduate non-degree students are not assigned faculty advisors.

Restricted-status students attend under the guidance of the assistant vice president of academic affairs.

Career Services

Career Services provides instruction, consulting, advising, information, services and opportunities in the wide arena of career planning and development. Students at every stage in their college career, from entering through graduate school, can avail themselves of such assistance through Career Services. Some of these services include:

- Career Information, Various Job Fairs
- Career Interest Testing
- Computer-Assisted Career Exploration System
- Choosing/Changing a Major or Minor
- Resume Critiques
- Job Search Procedures
- On Campus Interviewing
- One-on-One Consulting Sessions
- In-Class Presentations

Center for Student Achievement

The Center for Student Achievement, located in the Guerrieri Academic Commons, provides students with a space to study and opportunities for academic enrichment. The center focuses on addressing key components that have traditionally challenged students in higher education, such as study skills and time management.

The center offers an opportunity to develop skills that will enhance students' academic potential while at the University. Areas of focus include test taking, note taking, time management, study skills and organizational tools. Students are also welcome to meet with the staff on a one-to-one basis, allowing students the individualized attention they may seek in order to achieve success. Tutoring is available for 40 different courses. Supplemental instruction (SI) is an academic support program that targets historically difficult courses. SI leaders support over 100 sections of SI each semester, providing peer facilitated study sessions that integrate "how to learn" with "what to learn." These collaborative learning strategies create an active learning environment and facilitate higher grades for those students who participate. At the center, students have access to study space, computers, Praxis preparatory exams, tutors and other academic success programs.

In addition, the center also highlights students who have exemplified academic success in the classroom and demonstrate the ideal scholar at the University. Faculty and staff are asked to nominate candidates for the "Scholar Holler" and the students are featured in the campus newspaper, *The Flyer*. The center's website features upcoming events, academic deadlines and new features for the center. A pilot program for supplemental instruction was launched in fall 2009. Students who are deemed high achievers in math, economics, music and science are encouraged to apply. Students with these abilities should be referred to Dr. Heather Holmes.

Counseling Center

The Counseling Center offers counseling, consultation and outreach programs that promote personal growth, psychological health and academic success. Counselors provide help for students who may experience issues such as adjustment to college life, low self esteem, eating disorders, loss/separation, sexual identity concerns, anxiety, depression and relationship concerns. Group counseling, individual counseling and crisis intervention are available. To supplement personal counseling sessions and group work, the center also has resource material on a variety of topics, as well as an extensive website.

Staff of the Counseling Center have degrees in counseling, psychology and social work, and have years of experience working with college students. Services are confidential. All services are free of charge.

The Counseling Center is located in the Guerrieri University Center Room 263. Hours of operation are 8 a.m.-5 p.m. Monday-Friday. All appointments may be made in person or by calling 410 543-6070. For after-hours emergencies, the Counseling Center may be reached through the University Police at 410 543-6222. To learn more visit www.salisbury.edu/counseling.

General Studies

General Studies courses provide assistance to students in the areas of career planning, orientation and leadership. The offerings are listed in the "Courses" section of this catalog.

Graduate Record Examinations and Graduate Management Admissions Tests

For the convenience of seniors who wish to qualify for admission to graduate school, the Registrar's Office disseminates information related to registration and testing for the Graduate Record Examination (GRE) and Graduate Management Admission Test (GMAT).

International Student and Scholar Services

The Office of International Student and Scholar Services was created to address the needs of an expanding population of international students and scholars on campus. The services are coordinated by the international student advisor and are located in the Center for International Education. The international student advisor provides guidance through the admissions process and grants formal admission to the University.

The international student advisor is the United States Department of Homeland Security-designated school official and provides assistance to students in the completion of the various documents required to gain and maintain official approved status with DHS and DOS. The advisor also assists international students with cultural adjustment as well as personal and academic concerns through individual counseling and/or referral. Orientation to campus and the greater Salisbury area, health and insurance information, academic and personal counseling, as well as providing cultural programs to integrate international and American students are all a part of introducing international students and scholars to their new way of life.

For more information please visit www.salisbury.edu/INTLED/iss.

Multicultural Student Services

The primary function of the Office of Multicultural Student Services is to assist SU's multicultural student population with environmental adjustment tasks. Specifically, this is accomplished by maintaining open lines of communication with faculty and staff, and systematically assessing the needs and campus experiences of the student population.

Services and programs provided reflect Salisbury University's students' interests and concerns, and serve to enhance the intellectual and multi-cultural experiences of all students.

Activities sponsored represent a part of an institutional commitment to create and foster an environment that values diversity while encouraging an appreciation and respect for differences.

For more information visit www.salisbury.edu/students/multitieth/.

► Comprehensive Academic Success Program

Under the auspices of Multicultural Student Services, the Comprehensive Academic Success Program (CASP) offers students academic success by participation in a variety of programs. Multiple academic, social and cultural approaches to student achievement expose students to different avenues

to learning and life-long success. CASP is the umbrella for student achievement, faculty and peer mentoring, early warning, African-American visiting scholars, student scholarship and Powerful Connections.

► Powerful Connections

Powerful Connections is an intercultural orientation program for students of diverse backgrounds. The program provides opportunities for students to connect with upperclass students of diverse backgrounds through peer mentoring. Peer mentors, as well as Multicultural Student Services and its programs, help new students acclimate to the campus community. Powerful Connections is a vital component for success for new students at Salisbury University. For more information, please visit www.salisbury.edu/multicultural/intercultural.html.

► African-American Visiting Scholars Program

This program is an effort on the part of the University to bring to campus African-American scholars from an array of disciplines, exposing the faculty, staff and students to scholars who have made exceptional contributions to academe.

► Spirituality Room

The Multicultural/Spirituality Room is available for all faiths as a quiet place for prayer and reflection and is dedicated to nurturing personal and spiritual growth.

Student Disability Support Services

The Office of Student Disability Support Services (OSDSS), located in Guerrieri University Center Room 263, provides guidance, access to resources and accommodations for students with disabilities. Such disabilities could include medical, psychiatric, learning disabilities, mobility, visual and hearing impairments. After a student has self-identified to the OSDSS, by contacting the office directly, they may begin the process of registering with the OSDSS.

► Registering for Accommodations

In order to register with the OSDSS, the following steps should be followed:

1. Students provide adequate documentation of their disability for evaluation.
2. Students formally request accommodations by completing intake forms.
3. Students have an intake conference with office personnel.

While students may request accommodations at any time during their enrollment at the University, in order to efficiently meet the needs of our students, it is advisable that students request accommodations a minimum of four weeks prior to the beginning of the academic session for which accommodations are being requested.

For more information, contact the OSDSS at 410-543-6070, TTY: 410-543-6083, disabilitysupport@salisbury.edu or www.salisbury.edu/students/dss/.

Tutoring

The Center for Student Achievement, located in the Guerrieri Academic Commons, offers tutoring in a variety of subject areas. Tutoring for certain courses is based on demand and resources. Advanced students work with individuals and small groups to increase students' understanding of course material. Similarly, the Mathematics

and Computer Science Tutoring Program, located in the Guerrieri Academic Commons, provides its own tutoring center for students. Tutoring is also available through other departments and opportunities are listed on the CSA's website at www.salisbury.edu/achievement/tutoring.html.

Writing Center

The University Writing Center, located in the Guerrieri Academic Commons, is a place where writers can meet to talk about their work with trained consultants. Services are free of charge to any member of the SU community.

The center's mission is to provide opportunities for writers to seek thoughtful feedback about their work; to increase the confidence, versatility and competence of all writers, in all disciplines; to help writers reconsider and refine their ideas so they can revise their writing in meaningful ways; and to support classroom writing instruction by partnering with SU faculty members.

Appointments are encouraged and can be made by phone, email or in person. Walk-ins are also welcome in the Center.

HENSON SCHOOL COURSE REPEAT POLICY

Students may repeat courses offered by the Henson School of Science and Technology one time at SU without special permission. This policy applies to all undergraduate courses offered in the Henson School of Science and Technology. Details for the policy are found in Appendix F.

Pre-professional Programs

www.salisbury.edu/academic

PRE-LAW PREPARATION

Pre-law Advisor

Roberta Adams, Political Science Department

www.salisbury.edu/politicalscience/prelaw.html

In recent years SU graduates have been admitted to law schools at American University, University of Baltimore, Catholic University, University of Maryland, Penn State University, Villanova, Widener University and others.

SU supports student efforts to achieve careers in law in a variety of ways. As recommended by the American Bar Association, SU supports students to choose a major based on their interests and their abilities. Students gaining admittance to law school are drawn from all areas of the University. While concentrated in the Fulton School's majors, students also come from the Perdue, Henson and Seidel schools.

SU's prelaw program helps all students design their programs to achieve the skills necessary for success on the Law School Admission's Test (LSAT), with the application process and for success in law school. Services provided to assist students include periodic seminars or workshops, a pre-law handbook to guide you through the various phases of your undergraduate career and the application process, and a prelaw advisor who is available for personal consultation if necessary.

All students interested in law school should pursue a general program designed to promote skills in reading, writing, oral communication, organization and management, as well as analytic and problem solving skills. General knowledge about history, including U.S. history, the U.S. political system, mathematical or financial skills, and understanding of human behavior, including cross cultural behavior, is also helpful to law school. SU provides a variety of courses to help you gain these skills and this knowledge base.

In addition to courses that help pre-law students gain skills, students should take courses that intersect their areas of interest and introduce them to the law. These courses can be found in a variety of disciplines to suit student interests. Some examples include:

	Credits
ACCT 248 Legal Environment	3
ACCT 348 Business Law	3
CMAT 438 Mass Communication Law	4
CMAT 440 Media and Criminal Justice	4
EDUC 619 The Law and Public Education	3
POSC 230 Judicial Policy and Process	4
POSC 330 American Constitutional Development	4
POSC 411 International Law	4
POSC 450 Civil Rights and Liberties	4
POSC 460 Environmental Law	4
PSYC 375 Psychology and the Law	4
SOCI 305 Sociology of law	4
SOWK 448 Social Work and the Law	4

Detailed information on applying for admission to law school, the LSAT, and learning about and evaluating law schools is available from the prelaw handbook available on the prelaw website and from the pre-law advisor in the Political Science Department.

The University's pre-law advisor also can help you design a program to your particular interests and needs.

HEALTH PROFESSIONS ADVISORY PROGRAM (HPAP)

John Lee, Ph.D., Director

Henson School of Science and Technology

www.salisbury.edu/henson/hpap

HPAP@salisbury.edu

Students interested in pursuing careers in the health professions have several options.

Salisbury University has undergraduate majors and programs that lead directly to health care employment. These include:

- Medical Laboratory Science
- Nursing
- Respiratory Therapy

Health-related majors and programs include:

- Community Health
- Exercise Science
- Social Work

Students who do not plan on going directly into health care but are interested in post-graduate study in schools for medicine, dentistry, veterinary medicine, physical therapy, pharmacy, physician assistant, podiatry, optometry, et.al., choose any major at SU that most appeals to them and work with the Health Professions Advisory Program (HPAP) in selecting courses that will prepare them for their healthcare post-graduate study. Students who are in undergraduate majors leading directly to healthcare employment but who also plan on post-graduate professional schools can simultaneously complete professional school requirements and should seek counsel from the HPAP.

Admission to post-graduate health professions schools is highly competitive, and the HPAP structure is designed to help students plan ahead for required courses, choose electives that are beneficial to their career goals and prepare for entrance exams (such as MCAT, PCAT, DAT, etc.). Students who maintain high GPAs and show evidence of relevant extracurricular activities—such as clinical exploration experiences, actual clinical hours, research, community service learning, student clubs and organizations, and athletics—have been successful in being admitted to the post-graduate programs.

Students are responsible for determining what the entrance requirements are for the schools in which they are interested. The HPAP issues standard advice based on what is typical at most professional schools. The HPAP maintains the current best standard advice on its website, www.salisbury.edu/henson/hpap, for the most popular health professions and lists websites for accredited programs in various disciplines.

An active support structure exists at SU to help students make sound academic and personal plans that will allow those who achieve high academic standards to succeed in many health care professions or find alternatives that are equally rewarding.

Military Science

ARMY ROTC

A cross-town agreement between the University of Delaware and Salisbury University provides the opportunity for SU students to participate in the U.S. Army Reserve Officer Training Corps (ROTC) program. This program's curriculum focuses on leadership and management acquisition, decision-making and military science. As enrollment targets are met, these courses will be offered on the SU campus for SU credit. Information regarding the program can be found on the SU website at www.salisbury.edu or from the Military Science Office in TETC 379B.

Course Requirements

All military science courses are approved as elective credit toward graduation.

1. Complete basic course requirements:

	Credits
MLSC 105 Leadership and Personal Development	2
MLSC 106 Introduction to Leadership	3
MLSC 107 Leadership and Personal Development Lab	1
MLSC 108 Introduction to Leadership Lab	1
MLSC 205 Foundations of Leadership I	3
MLSC 206 Foundations of Leadership II	3
MLSC 207 Foundations of Leadership Lab I	1
MLSC 208 Foundations of Leadership Lab II	1

2. Complete advanced course requirements:

	Credits
MLSC 305 Adaptive Team Leadership	4
MLSC 306 Applied Team Leadership	4
MLSC 380 Leadership Development and Assessment	4
MLSC 405 Leadership in a Complex World	4
MLSC 406 Mission Command	4

Undergraduate Minors

www.salisbury.edu/checklists

MINORS

Salisbury University provides undergraduates with an opportunity to develop special competencies in a variety of areas outside their major fields of study. The University minor requires the completion of at least 18 credits with grades of C or better. At least 15 credits applied toward the minor must be coursework which is not used to satisfy General Education requirements, and at least nine credits must be earned at the University.

Salisbury University offers the following minors:

Accounting
Actuarial Science
African Area Studies
American Studies
Anthropology
Art
Art History
Athletic Coaching
Biology
Business Administration (With 4+1 Option)
Business and Professional Writing
Chemistry
Clinical Biochemistry
Clinical Hematology
Clinical Microbiology
Communication Arts
Comparative Literature
Computer Science
Conflict Analysis and Dispute Resolution
Creative Arts
Dance
Earth Science
East Asian Studies
Economics
English
English to Speakers of Other Language (ESOL)
Enterprise Information Systems
Environmental Studies
Ethnic and Global Literatures
Ethnic and Intercultural Studies
European Studies
Exercise Science
Film
Finance
French
Gender and Sexuality Studies
Geographic Information Science
Geography
German
Gerontology
Health
History
Information Systems
International Studies
Latin American Studies

Marketing Management
Mathematics
Middle School Science Education
Music
Outdoor Education Leadership
Philosophy
Physics
Political Science
Professional Sales
Psychology
Religious Studies
Social Justice Studies
Social Studies
Sociology
South Asian Studies
Spanish
Statistics
Theatre
Transfusion Services/Blood Bank
Urban and Regional Planning

Accounting

For more information see the Perdue School advising coordinator.

Students not majoring in accounting may minor in accounting.

This program provides students with a basic core accounting background. For non-accounting business majors, the minor would provide excellent credentials for those seeking careers in organizations or occupations where a background in accounting and budget administration is important. In addition, the minor could be utilized by non-accounting business majors to fulfill the necessary accounting prerequisites for entry into the accounting track of the M.B.A. program at SU. By selecting the appropriate accounting electives in the minor and in the M.B.A. program, these students would satisfy both the current course requirements and the current credit hour requirements established by the state of Maryland to sit for the CPA exam. The minor would also be useful for non-accounting majors seeking other prestigious certifications such as the CFM (Certificate in Financial Management).

The minor in accounting could be utilized by non-business majors in establishing credentials for their careers. The minor in accounting consists of 18 credits, any of which may be used to fulfill other Perdue School requirements. Nine of the 18 credits must be completed at SU and at least 15 credits applied toward the minor cannot be used to satisfy General Education requirements. All courses in the minor must be completed with a C or better. Only those courses listed as fulfilling the minor are accepted.

1. Required accounting courses:

	Credits
ACCT 201 Introduction to Financial Accounting	3
ACCT 202 Introduction to Managerial Accounting	3
ACCT 302 Cost Accounting I	3
ACCT 304 Intermediate Accounting I	3

2. Required accounting elective, one course from the following:

	Credits
ACCT 305 Intermediate Accounting II*	3
ACCT 341 Federal Income Tax Accounting: Personal	3
ACCT 418 Fraud Examination	3
ACCT 420 Accounting Information Systems	3
ACCT 430 International Accounting	3
ACCT 435 Accounting in its Global Setting	3

* Students must pass the Accounting Admission Test (AAT) prior to enrolling in ACCT 305.

3. Required elective, one course from the following:

	Credits
FINA 104 Personal Finance	3
FINA 311 Financial Management	3
INFO 211 Information Systems Concepts	4
MGMT 320 Management and Organizational Behavior	3

The accounting minor is open to any non-accounting major at SU.

Accounting minors must register in advance with the director of academic service in the Perdue School.

Actuarial Science

For more information see the Mathematics and Computer Science Department.

The minor in actuarial science consists of 21-23 credits and requires completion of the six courses listed with a grade of a C or better. In addition, at least 15 credit hours of the minor must consist of courses not used to satisfy General Education requirements, and at least three courses must be taken at Salisbury University

	Credits
MATH 201* Calculus	4
or	
MATH 160* Applied Calculus	3
MATH 215 Introduction to Financial Mathematics	4
or	
FINA 311 Financial Management	3
MATH 202 Calculus II	4
MATH 310 Calculus III	4
MATH 413 Mathematical Statistics I	3
MATH 415 Actuarial and Financial Models	4

* MATH 201 is preferred over MATH 160 because it makes the transition to MATH 202 smoother.

African Area Studies

For more information see the English Department.

The African area studies minor is an interdisciplinary area studies program with a study abroad requirement, as well as the opportunity to complete most of the minor via a semester abroad program at a foreign SU partner institution.

Requirements of the minor are the following:

- Complete a minimum of five of the following courses. Within the minimum five courses:
 - Complete two indigenous African language courses (see details that follow).
 - Complete at least one course from the area of "History/Social Sciences" and at least one course from the area of "Arts/Humanities."
 - Complete the one remaining course from any area.

Indigenous African Language Studies

Complete a minimum of two courses in one indigenous African language (see minor coordinator regarding which languages qualify), or one course each in two different indigenous African languages, or demonstrate equivalent language knowledge (to be determined via appropriate examination).

	Credits
MDFL 101* Elementary Language Study I	4
MDFL 102* Elementary Language Study II	4

History/Social Sciences

	Credits
ANTH 200* Topics in Anthropology	4
ANTH 201* Cultural Anthropology Survey	4
HIST 340 History of Africa to 1870	4
HIST 341 History of Africa 1870 to Present	4
HIST 490* Studies in History	4
POSC 204* Topics in Political Science	4
SOCI 250 Race Relations in a Global Perspective	4
SOCI 301* Studies in Sociology	4

Arts/Humanities

	Credits
ANTH 200* Topics in Anthropology	4
ART 391* Special Topics in Art History	4
CMAT 297 Communication Research	4
CMAT 300* Intercultural Communication	4
CMAT 337 International Media Systems	4
ENGL 300* Topics in English Literature	4
ENGL 399* International Studies in Literature	4
ENGL 401* Studies in Film	4
MDFL 248* Studies in Contemporary Cultures	4
MUSC 210* Special Topics in Music	4
MUSC 316* Topics in Music History	4
PHIL 310* Topics in Philosophy	4
PHIL 399* International Studies in Philosophy	4

Survey Courses

	Credits
ANTH 100 Cultural Anthropology and Linguistics	4
CMAT 337 International Media Systems	4
ENGL 365 Literature of the Global South	4
GEOG 102 World Geography - Africa and the Americas	4
POSC 311 Comparative Politics of Developing Nations	4

* When offered with an Africa-focused topic.

- At least one course for the minor must be completed while studying in an African country. No more than nine transfer credits may count toward the minor. (Note: Students may count four courses/16 credits completed via the semester-long Salisbury Abroad: Africa program toward the minor, as these are not transfer credits, but SU courses executed abroad via SU's partner institution in Ghana, Africa.)
- Earn grades of C or better in all courses taken for the minor.
- No more than one course in the minor may be used to satisfy General Education requirements.

American Studies

For more information see the History Department.

This minor is administered jointly by the History and English departments. The minor consists of five courses. Only one course may be used to satisfy General Education requirements and at least three courses must be completed at SU. All courses applied toward the minor must be completed with grades of C or better.

- Complete the following core:

	Credits
HIST 412 Social and Cultural History of the United States I (1600-1875)	4
HIST 413 Social and Cultural History of the United States II (1876-present)	4
HIST 375 Topics in American Studies (also cross listed as ENGL 300—Studies in English)	4

2. Select two courses from the following:

	Credits
ENGL 480 Colonial American Literature	4
ENGL 481 The American Renaissance	4
ENGL 484 American Novel I: Beginnings to 1900	4
ENGL 485 American Novel II: 1900-1945	4
ENGL 486 American Novel III: 1945 to Present	4

Anthropology

For more information see the History Department.

Students must complete five courses in anthropology and related disciplines with grades of C or better. Only one course may be used to satisfy General Education requirements and at least three courses must be completed at SU. For more information, contact the Department of History. The minor requires the following coursework:

- Complete four courses from the following list; one course must be at the 300- or 400-level:

	Credits
ANTH 100 Cultural Anthropology and Linguistics	4
ANTH 102 Biological Anthropology and Archaeology	4
ANTH 200 Topics in Anthropology	4
ANTH 201 Cultural Anthropology Survey	4
ANTH 202 Archaeology Survey	4
ANTH 215 Religion, Magic and Witchcraft	4
ANTH 301 Cultural Anthropological Method and Theory	4
ANTH 302 Archaeological Method and Theory	4
ANTH 410 Archaeological Field Methods	6
ANTH 459 Seminar in Anthropology	4

- Select one additional course from the following list:

	Credits
BIOL 215 Anatomy and Physiology I	4
CMAT 300 Intercultural Communication	4
ENGL 240 Introduction to the Study of Language	4
GEOG 101 World Geography: Europe and Asia	3
GEOG 102 World Geography: Africa and Americas	3
GEOG 105 Introduction to Physical Geography	4
GEOG 103 Introduction to Physical Geology	4
HIST 395 Material Culture Studies in American History	4
HIST 472 Studies in Classical Archaeology	4
HIST 473 Roman Archaeology	4
HIST 475 Greek Archaeology	4
HIST 480 Museum Studies	4
POSC 210 Introduction to International Relations	4
SOCI 210 Introduction to Global Sociology	4

Art

For more information see the Art Department.

At least four courses of the work applied toward the minor must consist of courses which are not used to satisfy General Education requirements and at least three of these courses must be earned at the University. Grades of C or better are required in all courses applicable to the minor.

The minor in studio art has the following requirements:

- Complete the following three courses:

	Credits
ART 121 Design Principles	4
ART 130 Drawing I	4
ART 201 Introduction to Art History	4

- Take two additional art courses (does not include ART 104).

Art History

For more information see the Art Department.

The minor offers the opportunity to engage the history of art through a variety of courses spanning a range of time periods and geographic locations. At least four courses of the work applied toward the minor must consist of courses that are not

used to satisfy General Education requirements and at least three of these courses must be earned at the University. Grades of C or better are required in all courses applicable to the minor. Art majors interested in the art history minor must complete four courses outside of their major requirements. Art minors interested in the art history minor must complete four courses outside the art minor requirements. B.A. art majors with the Art History Track may not minor in art history.

The minor in art history has the following requirements:

- Complete the following course:

	Credits
ART 201 Introduction to Art History	4

- Complete four additional courses from the following:

	Credits
ART 300 History of Modern Art to 1945	4
ART 301 Northern Renaissance Art	4
ART 302 History of American Art: The Colonial Period to 1900	4
ART 303 History of American Art: The 20th Century	4
ART 305 Art Since 1945	4
ART 306 History of Greek and Roman Art	4
ART 310 History of Italian Renaissance Art	4
ART 311 History of Pre-Columbian Art	4
ART 335 Women in Art	4
ART 336 History of Graphic Design	4
ART 391 Special Topics in Art History	4
ART 399 International Field Study	4

Athletic Coaching

For more information see the Health and Sport Sciences Department.

The minor in athletic coaching is designed to prepare individuals for coaching sports teams in either public schools or in the community. Students seeking a minor in athletic coaching must complete the 21 credit hours of coursework listed here with grades of C or better. At least 15 credits must consist of courses which are not used to satisfy General Education requirements and at least nine of these credits must be earned at Salisbury University.

- Required courses include (17 credit hours):

	Credits
EXSC 213 Injury Prevention and Emergency Management	4
EXSC 250 Strength Training and Program Design	4
PHED 330 Athletic Coaching	3
PHED 331 Coaching Youth Sports	3
PHED 351 Psychosocial Aspects of Physical Education	3

- Complete one of the following courses (4 credit hours):

	Credits
CADR 200 Foundations of Conflict and Conflict Resolution	4
CMAT 100 Fundamentals of Communication	4
PSYC 101 General Psychology	4

Biology

For more information see the Biology Department.

The minor in biology consists of a minimum of 19 credit hours. Required courses include BIOL 210 and two of the following courses: BIOL 211, BIOL 212 and BIOL 213. The seven hours of additional requirements need to be above the 100 level with at least three hours at the 300/400 level. Approved courses include all biology courses at or above the 200 level, except BIOL 205, BIOL 214, BIOL 217, BIOL 219, BIOL 220, BIOL 416, BIOL 419 and BIOL 450, and may include ENVH 210, ENVH 301 and ENVH 302. Students must earn minimum grades of C in all courses they use for the minor. The University requires that at least 15 hours of the work applied toward the minor must consist of courses that are not used to satisfy General Education requirements, and at least nine of these hours must be credits earned at the University. Biology majors are ineligible to earn a biology minor.

Business Administration

For more information see the Perdue School advising coordinator.

Students not majoring in accounting, business administration, finance, management, marketing or information systems may minor in business administration.

This program provides general exposure to business administration. It is intended to help prepare non-business majors for employment in business organizations or to gain entrance into M.B.A. programs. Students who complete the appropriate electives within the business administration minor within the baccalaureate programs and meet M.B.A. program admissions standards can obtain the Perdue School M.B.A. degree in as little as one calendar year of graduate study (i.e., 4+1 program). Perdue School M.B.A. program prerequisite courses are listed in the section following the business administration minor requirements. Students intending to pursue M.B.A. programs at other institutions should consult the entrance requirements of the schools they expect to attend. At least 15 credits of coursework applied toward the minor cannot be used to satisfy General Education requirements and at least nine credits must be completed at SU. All courses applied toward the minor must be completed with grades of C or better.

1. Required lower division courses (9 hours):

	Credits
MATH 155 *Modern Statistics with Computer Analysis	3
ACCT 201 Introduction to Financial Accounting.....	3
ECON 150 *Principles of Economics	3
or	
ECON 211 *Micro-Economics Principles	3
* MATH 155, 201, ECON 150, 211 or 212 may be used to satisfy General Education requirements	

2. Required upper division courses (6 hours):

	Credits
MGMT 320 Management and Organizational Behavior	3
MKTG 330 Principles of Marketing Management.....	3

3. Electives (9 hours). Select three of the following:

	Credits
INFO 281 ***Intermediate Business Statistics	3
or	
MATH 201 Calculus I	3
FINA 311 Financial Management	3
INFO 326 Operations Management	3
ACCT 202 Introduction to Managerial Accounting	3
ECON 212 **Macro-Economics Principles	3
INFO 211 Information Concepts for Management	4
** May not take ECON 212 if ECON 150 is taken as the required lower division economics course	
*** Students selecting INFO 281 must complete MATH 160 prior to INFO 281.	

► 4+1 Option

Students in the 4+1 program should select the following courses toward the business administration minor. These include all undergraduate courses required for admission to the Perdue School M.B.A. program.

4. Required lower division courses (18-19 hours):

	Credits
MATH 155 *Modern Statistics with Computer Analysis	3
MATH 160 Introduction to Applied Calculus	3
or	
MATH 201 Calculus I	4
INFO 281 ***Intermediate Business Statistics	3
ACCT 201 Introduction to Financial Accounting.....	3
ACCT 202 Introduction to Managerial Accounting	3

ECON 150 *Principles of Economics	3
or	
ECON 211 *Micro-Economics Principles	3
* MATH 155, 201, ECON 150, 211 may be used to satisfy General Education requirements	
*** Must complete with C or better INFO 111 or INFO 211 or COSC 116; MATH 155; and MATH 160 or MATH 201 prior to INFO 281.	

5. Required upper division courses (12 hours):

	Credits
FINA 311 Financial Management	3
MGMT 320 Management and Organizational Behavior	3
INFO 326 Operations Management	3
MKTG 330 Principles of Marketing Management.....	3

Students who complete the courses above within their baccalaureate program and meet M.B.A. program admissions standards can obtain the Perdue School M.B.A. degree in as little as one calendar year of graduate study (i.e., 4+1 program). Student desiring to pursue the 4+1 program should consult the director of the M.B.A. program as early as possible.

Business and Professional Writing

For more information see the English Department.

Students must complete four courses in the department beyond the courses used to fulfill General Education requirements (ENGL 103 with a C or better and the General Education literature course). At least three of the English courses beyond ENGL 103 used for the minor must be taken at SU. A grade of C or better is required in courses for the minor.

Fulfill the following beyond the literature requirement:

1. Complete the following courses:

	Credits
ENGL 305 Technical Writing and Editing	4
ENGL 467 History and Theory of Rhetoric	4
or	
ENGL 464 Rhetorical Criticism.....	4

2. Select two courses from the following

	Credits
ENGL 302 Internship	4
ENGL 306 Writing for the Disciplines.....	4
ENGL 307 Writing for the World Wide Web	4
ENGL 308 Composition III	4
ENGL 455 Nonfiction Workshop	4
ENGL 464 Rhetorical Criticism	4
ENGL 467 History and Theory of Rhetoric	4
ENGL 495 Topics in Writing and Rhetoric	4

Students may not use courses to satisfy requirements in both the minor and major programs of study in English.

Chemistry

For more information see the Chemistry Department.

A chemistry minor is available for students in other majors seeking official recognition for courses taken in chemistry. At least 15 hours of this work must consist of courses which are not used to satisfy General Education requirements and at least nine of these hours must be credits earned at the University. Grades of C or better are required in all courses applicable to the minor. Specific requirements for the minor are as follows:

1. Complete the following core:

	Credits
CHEM 121 General Chemistry I	4
CHEM 122 General Chemistry II	4
CHEM 221 Organic Chemistry I	4
CHEM 222 Organic Chemistry II.....	4

2. Choose at least three credit hours in chemistry from the 300 or 400 level.

Clinical Biochemistry

For more information see the Medical Laboratory Science Program in the Health Sciences Department.

Students from other science majors such as biology or chemistry are encouraged to seek permission to take courses for a minor if they have an interest in clinical laboratory medicine. Students must complete 26 hours with grades of C or better. At least 15 hours of work applied toward the minor must consist of courses which are not used to satisfy General Education requirements. At least nine of these hours must be credits earned at the University.

Complete the following courses:

	Credits
BIOL 215 Anatomy and Physiology I	4
BIOL 216 Anatomy and Physiology II.....	4
MDTC 101 Safety in the Biological, Chemical and Clinical Lab....	1
MDTC 300 Principles of Medical Laboratory Science	4
MDTC 331 Diagnostic Immunology	4
MDTC 341 Clinical Biochemistry I	5
MDTC 441 Clinical Biochemistry II	4

Clinical Hematology

For more information see the Medical Laboratory Science Program in the Health Sciences Department.

Students from other science majors such as biology or chemistry are encouraged to seek permission to take courses for a minor if they have an interest in clinical laboratory medicine. Students must complete 25 hours with grades of C or better. At least 15 hours of work applied toward the minor must consist of courses which are not used to satisfy General Education requirements. At least nine of these hours must be credits earned at the University.

Complete the following courses:

	Credits
BIOL 215 Anatomy and Physiology I	4
BIOL 216 Anatomy and Physiology II.....	4
MDTC 101 Safety in the Biological, Chemical and Clinical Lab....	1
MDTC 300 Principles of Medical Laboratory Science	4
MDTC 301 Hematology I	4
MDTC 331 Diagnostic Immunology	4
MDTC 401 Hematology II	4

Clinical Microbiology

For more information see the Medical Laboratory Science Program in the Health Sciences Department.

Students from other science majors such as biology or chemistry are encouraged to seek permission to take courses for a minor if they have an interest in clinical laboratory medicine. Students must complete 25 hours with grades of C or better. At least 15 hours of work applied toward the minor must consist of courses which are not used to satisfy General Education requirements. At least nine of these hours must be credits earned at the University.

Complete the following courses:

	Credits
BIOL 215 Anatomy and Physiology I	4
BIOL 216 Anatomy and Physiology II.....	4
MDTC 101 Safety in the Biological, Chemical and Clinical Lab....	1
MDTC 300 Principles of Medical Laboratory Science	4
MDTC 311 Clinical Microbiology I	4
MDTC 331 Diagnostic Immunology	4
MDTC 411 Clinical Microbiology II	4

Communication Arts

For more information see the Communication Arts Department.

Students must complete five communication arts courses with grades of C or better. Only one course may be used to satisfy General Education requirements and at least three courses must be taken at SU. The requirements are as follows:

1. Complete the following core courses:

	Credits
CMAT 101 Introduction to Human Communication Studies.....	4
CMAT 102 Introduction to Mass Communication	4

2. Complete three additional communication arts courses, two of which must be 300/400 level.

Comparative Literature

For more information see the Modern Languages and Intercultural Studies Department.

The minor in comparative literature consists of 18 hours of coursework. Only one course may be used to meet a General Education Requirement and at least two courses must be completed at SU. All courses must be completed with a grade of C or better. Additional information is available from the Department of Modern Languages.

1. Complete the following prerequisite:

	Credits
ENGL 103 Composition and Research	4

2. Select six credit hours from the following list of courses:

	Credits
ENGL 363 World Literature I	4
ENGL 364 World Literature II	4
ENGL 366 World Mythology	4

3. Select nine credit hours from the following list of courses, with at least three hours in French literature and three hours in Spanish literature:

	Credits
FREN 350 Masterpieces of French Literature I	4
FREN 351 Masterpieces of French Literature II	4
GERM 350 German Short Story	4
SPAN 330 Topics in Hispanic Literature in Translation	4

Computer Science

For more information see the Mathematics and Computer Science Department.

The minor in computer science requires completion of 18 credits of computer science courses with grades of C or better in each course. These courses must include: COSC 117 or COSC 118, COSC 120 and additional 10 or more credits of COSC courses, of which at least four of those credits must come from a COSC course at the 200 level of higher. At least 15 credit hours of the minor must consist of courses not used to satisfy General Education requirements, and at least nine credit hours must be earned at Salisbury University.

Conflict Analysis and Dispute Resolution

For more information see the Conflict Analysis and Dispute Resolution Department.

This minor is an interdisciplinary program housed in the Conflict Analysis and Dispute Resolution Department. The minor involves the completion of five courses, at least four courses must be coursework that was not used to satisfy

General Education requirements, at least three courses must be completed at SU and all courses applied toward the minor must be completed with grades of C or better. Students enrolled in the program will complete a minimum of three CADR courses. Individual directed-study courses from various majors may be utilized with the approval of the minor advisor.

1. Complete the following core:

	Credits
CADR 200 Foundations of Conflict and Conflict Resolution	4

2. Complete two upper-level CADR courses (300/400 level):

	Credit
CADR 300 Theories of Conflict and Conflict Resolution	4
CADR 301 International Conflict and Conflict Resolution	4
CADR 302 Cross-Cultural Conflict Analysis and Intervention	4
CADR 303 Studies in Conflict Analysis and Dispute Resolution	4
CADR 400 Practicum and Internship	3-4
CADR 401 Dispute Systems Design	4
CADR 403 Resolving Environmental Conflict	4
CADR 404 Negotiation and Conflict Management in Business	4
CADR 405 Special Topics	4

3. Select two courses of electives:

	Credits
CADR/	
SOCI 225 Sociology of Conflict and Nonviolence	4
CMAT 300 Intercultural Communications	4
CMAT 307 Interpersonal Conflict	4
CMAT 310 Small Group Discussion	4
HIST 225 The Holocaust: Extermination of the European Jews	4
HIST 308 Sectional Conflict and Civil War	4
HIST 376 Violence and Non-Violence in America	4
HIST 389 U.S. Environmental History	4
PHIL 301 Violence and Nonviolence	4
POSC 213 War and Peace in the Middle East	4
POSC 370 Democracy	4
POSC 409 Causes of War	4
POSC 450 Civil Rights and Liberties	4
SOCI 201 Social Problems	4
SOCI 319 Globalization and Social Change	4
SOCI 320 Social Movements	4
SOCI 390 Sociology of the Environment	4

Creative Arts

For more information contact the creative arts minor coordinator in the Teacher Education Department.

The minor in creative arts is an interdisciplinary program of study that provides students the opportunity to develop an experiential and conceptual foundation in dance, music, theatre and the visual arts. The minor requires the completion of five courses for a minimum of 18 credits; at least four courses must consist of courses not used to satisfy General Education requirements and at least nine credits must be completed at SU. There must be at least three hours from each of the four disciplines. Education majors have the option of using ELED 317, Integrating Aesthetic Experiences Into Teaching And Learning, toward the five-course (18 credit) total for the minor. All courses must be completed with grades of C or better.

1. Select a minimum of three credits from each of the following clusters of courses:

Art

	Credits
ART 104 Art Appreciation	4
ART 121 Design Principles	4
ART 130 Drawing I	4
ART 201 Introduction to Art History	4
ART 215 Ceramics I	4
ART 229 Photography I	4

Dance

	Credits
DANC 106 Dance Company (by audition)	1
DANC 162 Creative Modern Dance I	4
DANC 202 Dance Appreciation	4

Music

	Credits
MUSA 100, 102, 103, 104, 105, 106, 107, 110, 131 (ensembles)	1-3
MUSA 108, 205, 206, 209, 210 (group voice/instrumental instruction)	1-3
MUSC 202 Introduction to Music Technology	4
MUSC 220 Introduction to Music of the World	4
MUSC 221 Blues: Roots of Rock and Roll	4
MUSC 222 Popular Music After 1945	4
MUSC 225 Music and Landscapes	4
MUSC 230 Music for Children	4

Theatre

	Credits
THEA 110 Technical Production	4
THEA 126 Costuming and Theatre Crafts	4
THEA 130 Elements of Voice and Diction	4
THEA 300 History of Theatre I	4
THEA 327 Readers' Theatre	4
THEA 430 Accents and Dialects	4
THEA 456 Techniques of Children's Theatre	4

2. Education majors must complete the following course:

	Credits
ELED 317 Integrating Aesthetic Experiences Into Teaching And Learning	3

Dance

For more information contact the Music, Theatre and Dance Department.

The dance minor is designed for students who wish to experience dance as an art form and develop appreciation, technique and teaching competencies. Students must complete five courses with grades of C or better. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU.

Minor Requirements

1. Complete the following courses:

	Credits
DANC 202 Dance Appreciation	4
DANC 162 Creative Modern Dance I	4
DANC 167 Ballet I	4
DANC 168 Jazz Dance	4
DANC 360 Teaching Dance	4

Earth Science

For more information see the Geography and Geosciences Department.

The minor in earth science requires the completion of at least 18 credit hours of courses, with at least nine of those hours being credits earned at SU. Only one elective course can be at the 100 level. Only one course can count toward the General Education requirement. All courses applicable to the minor must be completed with a C or better. Geography majors are not eligible to earn a minor in earth science.

1. Complete the following core:

	Credits
GEOL 103 Introduction to Physical Geology	4
GEOG 201 Weather and Climate	4

2. Complete at least 10 credits of elective courses:

	Credits
GEOG 104 Earth and Space Science	4
GEOG 105 Introduction to Physical Geography	4
GEOG 111 Introduction to Oceans and Coasts	3
GEOL 150/BIOL 150 Environmental Science: Concepts and Methods	4
GEOG 311 Coastal Processes	3
GEOG 312 Severe and Hazardous Weather	3
GEOL 401 Soil, Water and Environment	3
GEOG 409 Dimensions of Climatic Change	3
GEOG 410 Meteorology	3
GEOG 411 Geomorphology	4
GEOG 412 Weather Forecasting and Analysis	3
GEOG 413 Applied Climatology	3
GEOL 206 Historical Geology	4
GEOL 211 Sediment Analysis	1
GEOL 306 Introduction to Invertebrate Paleontology	1
GEOL 313 Mineralogy and Optical Petrology	4
GEOL 322 Geological Oceanography	3
GEOL 336 Stratigraphy and Sedimentology	3
GEOL 405 Environmental Geology	4
GEOL 465 Earth Science Seminar	1

East Asian Studies

For more information see the Political Science Department.

The East Asian studies minor is an interdisciplinary area studies program with a study abroad requirement, as well as the opportunity to complete most of the minor via a semester abroad program at a foreign SU partner institution.

Requirements of the minor are the following:

- Complete a minimum of five of the following courses. Within the minimum five courses:
 - Complete two language courses (see details that follow).
 - Complete the other minor courses by taking three of the courses listed for the areas of "Social Sciences" and "Fine Arts/Humanities" (students must take at least one course in each of these two areas).

East Asian Language Studies

Complete a minimum of two semesters of study of one East Asian language or demonstrate equivalent language knowledge at the "Novice Mid" level via the Oral Proficiency Interview (OPI).

Social Sciences

	Credits
ANTH 200* Topics in Anthropology	4
ENVR 150* Environmental Perspectives	4
GEOG 101 Europe and Asia	4
HIST 362** Chinese Civilization	4
HIST 363 Japanese Civilization	4
HIST 364 Modern Japan	4
HIST 460 History of China Since 1800	4
POSC 220 Comparative Politics of East Asia	4
POST 420 Politics of China	4
SOCI 301* Studies in Sociology	4

Fine Arts/Humanities

	Credits
ART 391* Special Topics in Art History	4
ENGL 399* International Studies in Literature	4
MDFL 248*** Studies in Contemporary Cultures: China	4
MUSC 210* Special Topics in Music	4
MUSC 316* Topics in Music History	4
PHIL 312 Introduction to Asian Philosophy	4
PHIL 323 Buddhist Philosophy	4

*When offered with an East Asian-focused topic.

**Offered both on the SU campus and via the Salisbury Abroad: China semester program.

***Offered exclusively on the Salisbury Abroad: China semester program.

2. At least one course for the minor must be completed while studying in an East Asian country. No more than nine transfer credits may count toward the minor. (Note: Students may count four courses/16 credits completed via the semester-long Salisbury Abroad: China program toward the minor, as these are not transfer credits, but SU courses executed abroad via SU's partner institution in Anqing, China.)

3. Earn grades of C or better in all courses taken for the minor.

4. No more than one course in the minor may be used to satisfy General Education requirements.

Economics

For more information see the Perdue School advising coordinator.

Students not majoring in economics may minor in economics. The minor consists of 18 credits, 15 of which cannot be used to satisfy General Education requirements. A minimum of nine credits must be taken at Salisbury University. Each course in the minor must be completed with grades of C or higher.

A minor in economics consists of the following 18 hours of coursework completed with grades of C or better, at least 15 hours of which are credits not applied toward General Education or Perdue School major requirements and at least nine credits earned at SU:

1. Complete the following core:

	Credits
ECON 211 *Micro-Economic Principles	3
ECON 212 *Macro-Economic Principles	3
ECON 305 Intermediate Macro-Economic Theory	3
or	
ECON 306 Intermediate Micro-Economic Theory	3
* business, accounting and information systems majors can count only one of these courses toward the minor; therefore, they must have four, rather than three economics electives	

2. Select three electives (four electives for business administration, finance, marketing, management, accounting or information systems majors) from 300/400-level economics courses.

English

For more information see the English Department.

Students must complete four courses in the department beyond the courses used to fulfill General Education requirements (ENGL 103 with a C or better and the General Education literature course). At least three of the English courses beyond ENGL 103 used for the minor must be taken at SU, and a minimum of three courses must be taken at the 300/400 level. A grade of C or better is required in courses for the minor.

Students may not use courses to satisfy requirements in both the minor and major programs of study in English.

English to Speakers of Other Languages (ESOL)

For more information see the English Department.

Students must complete four courses in the department beyond the courses used to fulfill General Education requirements (ENGL 103 with a C or better and the General Education literature course). At least three of the English courses beyond ENGL 103 used for the minor must be taken at SU. A grade of C or better is required in courses for the minor.

Fulfill the following beyond the literature requirement:

1. Select four courses among the following

	Credits
ENGL 240 Introduction to the Study of Language	4
or	
ENGL 430 Principles of Linguistics	4
ENGL 428 ESOL Tests and Measurements	4
ENGL 432 Literacy and ESOL Reading	4
ENGL 433 Language and Culture	4
ENGL 434 Literacy and ESOL Writing	4
ENGL 438 Bilingualism	4
ENGL 439 Second Language Acquisition	4
ENGL 447 Current Approaches to ESOL Instruction	4
ENGL 491 Topics in Linguistics and Language Learning	4

Students may not use courses to satisfy requirements in both the minor and major programs of study in English.

Enterprise Information Systems

For more information see the **Perdue School** advising coordinator.

The enterprise information systems minor provides students with an understanding of the role of enterprise-level information systems, particularly enterprise resource planning (ERP) systems, in organizations. Such systems are being used increasingly in all types of organizations. The enterprise information systems minor is open to any student at SU, except for information systems majors who can follow the enterprise systems track in the information systems major. The minor requires 19 credit hours, any of which may be used to fulfill other degree requirements. The minor requires the following course of study.

1. Required courses (16 credits)

	Credits
ACCT 201 Introduction to Financial Accounting	3
INFO 211 Information Systems Concepts for Management	4
INFO 311 Business Systems Analysis and Design	3
INFO 370 Enterprise Systems and Integrated Business Processes	3
INFO 471 Advanced Topics in ERP Systems	3

2. Approved electives (3 credits). Complete one of the following:

	Credits
ACCT 420 Accounting Information Systems	3
COSC 386 Database Implementation	3
INFO 315 Project Management	3
INFO 326 Operations Management	3
INFO 340 Data Mining for Business Intelligence	3
INFO 386 Database Management Systems	3

All courses must be completed with a C or better, and none may be credit only. At least nine credits must be earned at Salisbury University. Course substitutions are not allowed. Students must declare the enterprise information systems minor online at www.salisbury.edu/perdue/student-services/advising/students/minors.html.

Environmental Studies

For more information see the **Environmental Studies Department**.

This minor consists of 18 credits. At least 15 hours of the work applied toward the minor must consist of courses which are not used to satisfy General Education requirements and at least nine of these hours must be credits earned at the University. Grades of C or better are required in all courses applicable to the minor. Many of the courses approved for use within the minor have prerequisites. Special topics courses which are applicable to the minor may sometimes be offered through a variety of disciplines. The internship is optional, but highly recommended. Interested students should begin planning for the internship early

by discussing it with their major advisor. For more information and for specific course approvals, contact the minor coordinator.

I. Core Natural Science

(select at least one course)

	Credits
BIOL 310 Ecology	4
BIOL 150/	
GEOG 150 Environmental Science: Concepts and Methods	4
ENVR 102 Introduction to Sustainability	4
ENVR 353 Conservation and Biodiversity	4
ENVR 355 Wildlife Management and Field Techniques	4

II. Core History or Philosophy

(select at least one course)

	Credits
ENVR 205 Art, Nature, Culture	4
ENVR 325 Wilderness and Environmentalism	4
HIST 386 Wilderness and U.S. Culture, 1492-Present	4
HIST 389 U.S. Environmental History	4
HIST 392 Global Environmental History	4
HIST 483 Environmental History of Delmarva	4
PHIL 306 Animals and Ethics	4
PHIL 318 Environmental Responsibility	4

III. Core Social Science

(select at least one course)

	Credits
CADR 403 Resolving Environmental Conflicts	4
ECON 415 Environmental and Natural Resource Economics	3
ENVR 210 Principles of Environmental Economics	4
ENVR 300 Environment and Society: Methods and Analysis	4
ENVR 315 Garbage and Everyday Life	4
ENVR 320 Environmental Justice	4
POSC 360 Environmental Policy	4
POSC 460 Environmental Law	4
SOCI 390 Sociology of the Environment	4

IV. Additional Courses

Take additional courses from the preceding cores or from the following list:

	Credits
CMAT 444 Environmental Communication	4
ENGL 347 The Wilderness in Literature	4
ENGL 348 Nature in Literature	4
ENVR 150 Environmental Perspectives	4
(or other approved* interdisciplinary course)	
ENVR 305 Topics in the Humanities/Social Sciences	4
ENVR 349 International Study of Policy, Values and Environment	4
ENVR 350 Topics in the Natural Sciences	4
ENVR 399 International Field Study of Resource Management and Sustainability	4
ENVR 460 Topics in Chesapeake Bay Studies	3-4
ENVR 480 Internship in Environmental Studies	3-6
(or other approved* internship course)	
ENVR 485 Directed Study in Environmental Studies	4
ENVR 486 Directed Research in Environmental Studies	4
ENVR 495 Environmental Field Studies	1-4
GEOG 219 Map Interpretation and Analysis	3
GEOG 401 Soil, Water and the Environment	3
PHEC 370 Camp Leadership and Management	3
PSYC 409 Environmental Psychology	4

* Approval should be requested from the coordinator of the minor prior to the beginning of the course.

Ethnic and Global Literatures

For more information see the **English Department**.

Students must complete four courses in the English Department beyond the courses used to fulfill General Education requirements (ENGL 103 with a C or better and the General Education literature course). Students may not use courses to satisfy overlapping requirements in multiple English minors and/or the English major programs of study. At least three of the courses beyond ENGL 103 must be taken at SU, and a minimum of three courses must be taken at the 300/400

level. A grade of C or better is required in courses for the minor. Fulfill the following beyond the literature requirement.

1. Select four courses from the following

	Credits
ENGL 255 African-American Short Story	4
ENGL 365 Literature of the Global South	4
ENGL 369 Global Literature and Justice	4
ENGL 370 Latina/o Literature	4
ENGL 371 Topics in Latina/o Literature	4
ENGL 377 Introduction to African Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 382 African American Literature I	4
ENGL 383 African American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature of the United States	4
ENGL 386 American Women Writers of Color	4
ENGL 389 Topics in Native American Literature	4
ENGL 469 Topics in Global South Literature	4
ENGL 470 Topics in African-American Literature	4
SPAN 336 Survey of Latin American Literature	4

Ethnic and Intercultural Studies

For more information see the **Sociology Department**.

The minor in ethnic and intercultural studies offers students the opportunity to study other cultures and social groups in a variety of ways. The minor consists of five courses, two courses selected from the required core group and an additional three courses selected from any one of the three tracks (United States minorities, cultural area studies and intercultural studies) or from all courses listed for a more general minor. No more than two courses from any one department may be used to complete the minor.

Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU. All courses applicable to the minor must be completed with grades of C or better. Additional information is available from the Department of Sociology.

1. Complete two courses from the following core requirements, select one course from each group:

	Credits
Group 1:	
CMAT 300 Intercultural Communication	4
ENGL 433 Language and Culture	4
PHIL 209 Philosophy and Culture	4
PSYC 410 Multicultural Issues in Psychology	4
Group 2:	
HIST 387 Racism and Discrimination	4
HIST 440 Minority Groups in United States History	4
SOCI 250 Race Relations in Global Perspective	4
SOCI 331 Racial and Cultural Minorities	4

2. Select three courses from the courses not chosen in number one and from any of the courses that can be used to satisfy the ethnic and intercultural studies major. Select three courses from one track or select three courses from all courses listed for a more general minor. Courses selected to complete the core may not be used to complete the track requirements. However, courses not selected to complete the core requirements may be used to complete the track requirements. No more than two courses from one department may be used to complete the minor. Special topics courses that address the goals of the minor may be eligible for minor credit with approval by the minor coordinator.

United States Minorities

	Credits
ENGL 338 Literature of the Queer	4
ENGL 382 African-American Literature I	4
ENGL 383 African-American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature in the United States	4
HIST 440* Minority Groups in United States History	4
HIST 444 African-American History to 1865	4
HIST 445 African-American History from 1865	4
HIST 446 Readings in African-American History	4
POSC 450 Civil Rights and Liberties	4
SOCI 331* Racial and Cultural Minorities	4

* if not taken to fulfill core requirement

Cultural Areas Studies

	Credits
ENGL 365 Literature of the Global South	4
FREN 316 Francophone Culture and Civilization I	4
FREN 317 Francophone Culture and Civilization II	4
FREN 322 French for Business	4
FREN 350 Masterpieces of French Literature I	4
FREN 351 Masterpieces of French Literature II	4
GEOG 310 Regional Geography of Europe	3
GERM 350 German Short Story	4
HIST 332 Modern Mexico	4
HIST 334 Latin American Institutions	4
HIST 340 History of Africa to 1870	4
HIST 341 History of Africa: 1870 to Present	4
HIST 342 History of India to 1857	4
HIST 343 History of India: 1857 to Present	4
HIST 350 The Middle East to 1800	4
HIST 355 The Middle East Since 1800	4
HIST 362 Chinese Civilization	4
HIST 460 History of China Since 1800	4
MDFL 241 French Peoples	4
MDFL 245 German Peoples	4
MDFL 246 Russian Peoples	4
MDFL 248 Studies in Contemporary Cultures	4
PHIL 312 Introduction to Asian Philosophy	4
POSC 213 War and Peace in the Middle East	4
POSC 310 Comparative European Government	4
POSC 311 Comparative Government of Developing Nations	4
POSC 313 Comparative Politics of the Middle East	4
POSC 417 Russia and the Soviet Union	4
SPAN 315 Elements of Spanish Culture	4
SPAN 316 Latin American Culture and Civilization	4
SPAN 322 Spanish for Business	4
SPAN 330 Topics in Hispanic Literature in Translation	4
SPAN 335 Survey of Spanish Literature	4
SPAN 336 Survey of Latin American Literature	4
SPAN 403 Hispanic Culture Through Literature	4
SPAN 410 Topics in Hispanic Literature	4

Intercultural and Comparative Cultural Studies

	Credits
ANTH 215 Religion, Magic and Witchcraft	4
CMAT 300* Intercultural Communication	4
ENGL 366 World Mythology	4
ENGL 367 Folklore and Folklife	4
ENGL 433* Language and Culture	4
ENGL 438 Bilingualism	4
GEOG 101 World Geography	3
GEOG 102 World Geography: Africa and the Americas	3
GEOG 202 Cultural Geography	3
HIST 210 World Religions	4
HIST 225 Holocaust: The Extermination of the European Jews	4
HIST 327 The Habsburg Empire, 1740-1918	4
HIST 387* Racism and Discrimination	4
IDIS 250 Comparative Religions	4
PHIL 209* Philosophy of Culture	4
PHIL 325 Philosophy of Religion	4
POSC 313 Comparative Politics in the Middle East	4
PSYC 410* Multicultural Issues in Psychology	4
SOCI 250 Race Relations in Global Perspective	4
SOCI 318 Sociology of Religion	4

* if not taken to fulfill core requirement

Eligibility of topics courses, studies courses or language courses not listed above will be determined through review of syllabi by the minor coordinator at the request of students and/or faculty.

European Studies

For more information see the director of international education.

The European studies minor is an interdisciplinary area studies program with a study abroad requirement, as well as the opportunity to complete most of the minor via a semester abroad at a foreign SU partner institution.

Complete two courses in non-English European languages or prove non-English European language proficiency via placement exam or interview.

At least one course for the minor must be completed while studying in a European country. No more than nine transfer credits may count toward the minor. (Note: Students may count four courses/16 credits completed via the Salisbury Abroad: Estonia semester study abroad program toward the minor, as these are not transfer credits, but SU courses executed abroad via SU's partner institution in Europe.)

Only one course may be used to meet a General Education requirement. Grades of C or better are required in all courses applicable to the minor.

Complete five courses from the following. Courses must be taken in a minimum of three different areas:

Fine Arts Area

	Credits
ART 208 History of Baroque and Rococo Art	4
ART 300 History of Modern Art to 1945	4
ART 301 Northern Renaissance Art	4
ART 306 History of Greek and Roman Art	4
ART 310 History of Italian Renaissance Art	4
ART 391* Special Topics in Art History	4
MUSC 305 Music History I	4
MUSC 306 Music History II	4
MUSC 316* Topics in Music History	4

History Area

	Credits
HIST 224 Hitler and the Third Reich	4
HIST 225 Holocaust: The Extermination of the European Jews	4
HIST 311 History of England and Great Britain, 1702 to the Present	4
HIST 312 History of Ireland in Modern Times	4
HIST 313 History of Scotland as an Independent Kingdom	4
HIST 321 History of Medieval Europe	4
HIST 322 Renaissance to Revolution (1450-1815)	4
HIST 323 Europe in the 19th Century	4
HIST 324 German History since 1815	4
HIST 325 History of European Revolutions since 1815	4
HIST 326 The French Revolution and Napoleon, 1789-1815	4
HIST 327 The Habsburg Empire, 1740-1918	4
HIST 421 Europe in the 20th Century World	4
HIST 423 Imperial Russia	4
HIST 424 Modern Russia	4
HIST 433 History of Tudor-Stuart Britain	4
HIST 451 World War I	4
HIST 452 The Second World War: A Global History	4
HIST 453 The Cold War: A Global History	4
HIST 490* Studies in History	4

Humanities Area

	Credits
FREN 316** Francophone Culture and Civilization I	4
FREN 317** Francophone Culture and Civilization II	4
FREN 410*, ** Advanced Francophone Topics	4
MDFL 241 The French People	4
MDFL 245 The German People	4
MDFL 246 The Russian People	4
MDFL 399* International Field Study	4
PHIL 308 Ancient Philosophy	4
PHIL 309 Medieval Philosophy	4
PHIL 310* Philosophical Topics	4
PHIL 322 Existentialism	4
PHIL 405 Contemporary Continental Philosophy	4
SPAN 300*** Topics in Spanish	4
SPAN 315*** Spanish Culture and Civilization	4

Literature Area

	Credits
ENGL 317 German Short Stories	4
ENGL 318* Topics in Hispanic Literature in Translation	4
ENGL 349 Norse Literature in Translation	4
ENGL 356 British Literature I: Beginnings to 1660	4
ENGL 357 British Literature II: 1660 to Present	4
ENGL 399* International Studies in Literature	4
ENGL 411 Chaucer	4
ENGL 412 Milton	4
ENGL 413 Shakespeare	4
ENGL 471 Medieval English Literature	4
ENGL 472 Literature of the British Renaissance	4
ENGL 473 Restoration to 18th Century British Literature	4
ENGL 474 Romantic Literature	4
ENGL 475 Victorian Literature	4
ENGL 476 British Novel I: Beginnings to 1837	4
ENGL 477 British Novel II: 1837 to Present	4
ENGL 479 Contemporary Trends in British Literature	4
FREN 350** Masterpieces of French Literature I	4
FREN 351** Masterpieces of French Literature II	4
FREN 410** Advanced Francophone Topics	4
GERM 350 German Short Stories	4
MDFL 300 Studies in French Literature in Translation	4
MDFL 399* International Field Study	4
SPAN 300*** Topics in Spanish	4
SPAN 330 Topics in Hispanic Literature in Translation	4
SPAN 335*** Survey of Spanish Literature	4

Social Sciences Area

	Credits
ANTH 200* Topics in Anthropology	4
ENVR 150* Environmental Perspectives	4
GEOG 101 Europe and Asia	4
GEOG 310 Regional Geography of Europe	4
GEOG 399* International Field Study	4
GEOG 415* Selected Problems	1-3
GEOG 450* Topics in Geography	4
POSC 204* Topics in Political Science	4
POSC 310 Comparative European Government	4
POSC 399* International Field Study	4
POSC 417 Russia and the Soviet Union	4
POSC 480* Studies in Political Science	4
SOCI 301* Studies in Sociology	4

- * With a Europe-focused topic.
 ** Taught in French.
 *** Taught in Spanish.

Exercise Science

For more information see the Health and Sport Sciences Department.

The minor in exercise science consists of a minimum of 24 credit hours. Students must complete each course with a grade of C or better. The University requires that at least 15 of the hours are not used to satisfy General Education requirements, and at least nine of these hours must be earned at the University. Exercise science majors are not eligible to earn a minor in exercise science.

1. Complete the following required courses:

	Credits
HLTH 317 Nutrition, Health and Human Performance	4
EXSC 333 Kinesiology	4
EXSC 344 Exercise Physiology	4

2. Select 12 credits from the following:

	Credits
EXSC 213 Injury Prevention and Emergency Management	4
EXSC 240 Fitness Testing	4
EXSC 250 Strength Training Techniques and Program Design	4
EXSC 462 Exercise and Special Populations	4
EXSC 472 Stress Testing and Exercise Prescription	4

Film

For more information see the English Department.

Students must complete four courses in the department beyond the courses used to fulfill General Education requirements (ENGL 103 with a C or better and the General Education literature course). Students may not use courses to satisfy requirements in both the minor and major programs of study in English. At least three of the English courses beyond ENGL 103 used for the minor must be taken at SU, and a minimum of three courses must be taken at the 300/400 level. A grade of C or better is required in courses for the minor.

Fulfill the following beyond the literature requirement:

1. Select four courses from among the following:

	Credits
ENGL 220 Introduction to Film	4
ENGL 221 Literature and Film	4
ENGL 301 Studies in English: Language, Film or Writing (if approved by film concentration faculty)	4
ENGL 323 Major Film Directors	4
ENGL 324 Film Genre	4
ENGL 401 Studies in Film	4
ENGL 402 Film History	4
ENGL 404 International Cinema	4
ENGL 405 Hearing Cinema	4
ENGL 406 Documentary Cinema Studies	4
ENGL 408 Film Theory	4
ENGL 494 Topics in English: Writing or Film (if approved by film concentration faculty)	4

Finance

For more information see the Perdue School advising coordinator.

A minimum of nine credits must be taken at Salisbury University. Each course in the minor must be completed with grades of C or higher.

The finance minor provides general exposure to finance and is intended to help prepare nonfinancial majors for employment in a variety of fields that require financial sophistication. Examples include corporate accounting, consulting, real estate, marketing of insurance and financial products. The finance minor requires 21-24 credit hours, any of which may be used to fulfill other Perdue School requirements. The finance minor requires the following course of study.

1. Required courses:

	Credits
MATH 155 Modern Statistics	3
ACCT 201 Introduction to Financial Accounting	3
ECON 211 Micro-Economics Principles and	3
ECON 212 Macro-Economics Principles	3
or	
ECON 150 Principles of Economics	3
FINA 311 Financial Management	3
FINA 441 Investments I	3

2. Two courses from the following:

	Credits
FINA 312 Risk Management and Insurance	3
FINA 440 Corporate Finance	3
FINA 442 Financial Derivatives	3
FINA 443 Essentials of Real Estate	3
FINA 445 Financial Institutions and Markets	3
FINA 446 Retirement Planning	3
FINA 447 International Financial Management	3
FINA 448 Estate Planning	3
FINA 449 Practicum in Portfolio Management	3

The finance minor is open to any non-finance major at SU. Finance minors must register with the director of academic services in the Perdue School.

French

For more information see the Modern Languages and International Studies Department.

Requirements for a minor in French consist of the following:

1. Complete five courses from the following:

	Credits
FREN 201 Intermediate French I	4
FREN 202 Intermediate and Applied French	4
FREN 310 French Grammar and Composition	4
or	
FREN 312 French Conversation	4
FREN 316 Francophone Culture and Civilization I	4
or	
FREN 317 Francophone Culture and Civilization II	4
FREN 325 Francophone Culture through Literature	4
or	
FREN 350 Masterpieces of French Literature I	4
or	
FREN 351 Masterpieces of French Literature II	4

2. Earn grades of C or better in all courses taken for the minor.
 3. At least four courses of the minor must consist of courses not used to satisfy General Education requirements.
 4. A maximum of eight credits of transfer or placement credit may be applied toward the minor.

Gender and Sexuality Studies

For more information see the History Department.

This minor consists of five courses, with distribution requirements directing students into courses from a minimum of three departments, with no more than two courses in one department. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU. Grades of C or better are required in all courses applicable to the minor. Contact the Department of History for additional information.

1. Complete four courses in at least two disciplines from the following:

	Credits
ART 335 Women in Art	4
CMAT 304 Communication, Gender and Culture	4
CMAT 405 Family Communication	4
CMAT 490 Communication Seminar (approved topics)	4
ENGL 300 Studies in English (approved topics)	4
ENGL 338 Literature of the Queer	4
ENGL 342 Women in Literature	4
ENGL 386 American Women Writers of Color	4
ENGL 401 Studies in Film (approved topics)	4
ENGL 461 Feminist Literature and Theory	4
GSST/	
HIST 213 Introduction to Gender and Sexuality Studies	4
HIST 375 Topics in American Studies (approved topics)	4
HIST 377 Women in Early American History	4
HIST 378 Women in Modern America	4
HIST 490 Studies in History (approved topics)	4
PHIL 310 Philosophical Topics (approved topics)	4
PHIL 316 Philosophy and Feminism	4
POSC 205 Women in Politics	4
PSYC 325 Psychology of Sexuality	4
PSYC 334 Psychology of Women	4
SOCI 301 Studies in Sociology	4
SOCI 314 Sociology of Gender	4
SOCI 325 Sexuality, Alternatives and Society	4
SOCI 363 Women in Development	4
XXXX XXX Independent Study with advisor approval	4

2. Complete the following interdisciplinary capstone course:

	Credits
GSST 485 Gender and Sexuality Studies Capstone Seminar (spring semester)	4

Geographic Information Science

For more information see the Geography and Geosciences Department.

The interdisciplinary minor in geographic information science requires the completion of at least 21 credit hours, of which 17 are not counted for General Education and at least 12 hours are earned at Salisbury University. All courses applicable to the minor must be completed with a C or better. Geography majors are not eligible to earn a minor in geographic information science. Instead they may complete the Geographic Information Science Track within the geography and geoscience major. An Upper-Division Certificate in Geographic Information Science is also offered. For more information contact the Department of Geography and Geosciences.

1. Complete the following 15 credit hours of coursework:

	Credits
COSC 117 Programming Fundamentals	4
or	
COSC 118 Introductory Scientific Programming with Visual Basic	4
or	
COSC 120 Computer Science I	4
GEOG 219 Map Interpretation and Analysis	3
GEOG 319 Geographic Information Science	4
GEOG 419 Advanced Geographic Information Science	4

2. Complete two of the following courses:

	Credits
ART 227 Computer Graphic Design	4
COSC 220 Data Structures and Algorithm Analysis	4
COSC 482 Computer Graphics	3
GEOG 320 Cartographic Visualization	3
GEOG 321 Remote Sensing of the Environment	4
GEOG 435 GIS Programming	3
INFO 211 Information Systems Concepts for Management	4
INFO 386 Database Management Systems	3

Geography

For more information see the Geography and Geosciences Department.

The minor in geography requires at least 18 hours of geography, of which at least 15 hours are not used to satisfy General Education requirements, at least 12 hours are 200-level or higher, at least six hours are at the 300/400 level and at least nine hours are earned at Salisbury University. All courses applicable to the minor must be completed with grades of C or higher.

Students should select courses that complement/supplement their major/interests. Faculty are available for students seeking advice in planning a sequence of courses for the minor.

German

For more information see the Modern Languages and Intercultural Studies Department.

Requirements for a minor in German consist of five courses. Only courses in which a student earns a grade of C or better may be applied to the minor. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU.

1. Complete the following courses:

	Credits
GERM 202 Intermediate German II	4
GERM 310 Intermediate Composition	4
GERM 312 Intermediate Conversation	4
GERM 350 German Short Stories	4
MDFL 245 German Peoples	4

Gerontology

For more information see the Sociology Department.

The gerontology minor requires completion of five courses, only one of which may be used to satisfy General Education and at least three courses must be earned at SU. All courses applicable to the minor must be completed with a grade of C or better.

1. Complete the following core:

	Credits
PSYC 322 Psychology of Aging	4
SOCI 361 Aging and Society	4

2. Choose at least three courses from the following:

	Credits
PSYC 323 Psychology of Death and Dying	4
SOCI 416 Individual Directed Study	1-4
SOCI 498 Internship in Sociology	1-4
SOWK 350 Social Work with Older People	3
SOWK 420 Field Instruction in Social Work I	4
SOWK 421 Field Instruction in Social Work II	4

Individual directed-study courses from various majors may be utilized with the permission of the coordinator of the gerontology minor. Students are encouraged to organize their elective selections to complement their major academic and/or vocational areas of interest. For detailed information, contact the Sociology Department.

Health

For more information see the Health and Sport Sciences Department.

The health minor requires the completion of at least 20 credits with grades of C or better. At least 15 credits applied toward the minor must be coursework which is not used to satisfy General Education requirements and at least nine hours must be credits earned at the University. Health education majors are not eligible to earn a minor in health.

1. Complete the following courses:

	Credits
HLTH 110 Foundations of Health Education	3
HLTH 225 Health Behavior	3
HLTH 325 Planning and Assessing Health Programs	4

2. Select at least 10 credit hours from the following:

	Credits
HLTH 317 Nutrition, Health and Human Performance	4
HLTH 230 Chronic and Communicable Diseases	3
HLTH 240 Drug Education	3
HLTH 260 Health Literacy and Communication	4
HLTH 311 Human Sexuality Education	4
HLTH 326 Measurement and Evaluation of Health Programs	4
HLTH 330 Principles of Epidemiology	4
HLTH 401 Community Health	4
HLTH 450 U.S. Healthcare and Public Health	4

History

For more information see the History Department.

The history minor allows students in other fields to gain a broad base in the humanities and social sciences and thus enhance their ability to reach higher levels of achievement in their own professional specialization. Additional information about this minor is available in the department.

The requirements include the following:

1. Complete the history core survey courses:

	Credits
HIST 101 World Civilizations	4
HIST 102 World Civilizations	4
HIST 201 History of the U.S. I	4
HIST 202 History of the U.S. II	4

2. Complete two additional history courses at the 300/400 level.

3. Earn grades of C or better in all courses taken for the minor.

4. At least 15 credits applied toward the minor must be coursework which is not used to satisfy General Education requirements, and at least three courses must be completed at SU.

Information Systems

For more information see the Perdue School advising services coordinator.

The information systems minor is designed to be a desirable complement to a myriad of other majors and to provide students with an opportunity to differentiate themselves in the employment marketplace. The information systems minor is open to any student at SU, except information systems majors. The minor requires 19 credit hours, any of which may be used to fulfill other degree requirements. The information systems minor requires the following course of study.

1. Required courses include:

	Credits
INFO 211 Information Systems Concepts for Management	4
INFO 301 Business Applications Development	3
INFO 385 Data Communications and Networking	3
INFO 386 Database Management Systems	3
INFO XXX Any 300-/400-level INFO Course	3

2. Complete one course from the following:

	Credits
ACCT 420 Accounting Information Systems	3
COSC 120 Computer Science I	4
FINA 311 Financial Management	3
GEOG 319 Geographic Information Systems	4
MGMT 320 Management and Organizational Behavior	3
MKTG 330 Principles of Marketing Management	3
INFO XXX Any 300-/400-level INFO Course	3

All courses must be completed with a C or better, and none may be credit only. At least nine credits must be earned at Salisbury University. Course substitutions are not allowed. Students must declare the information systems minor with the director of academic services in the Perdue School.

International Studies

For more information see the Political Science Department.

This minor, which consists of seven courses, requires that students have knowledge of a language and culture different from that of the United States. At least 15 hours taken to complete the minor must be from courses not used to satisfy General Education requirements and at least nine hours must be taken at SU. No more than three courses in the minor can be taken from courses in a student's major. Grades of C or better are required for all courses in the major.

1. Complete the following three-course core:

- a. Complete the following:

	Credits
POSC 210 Introduction to International Relations	4

- b. Complete one course from the following:

	Credits
ECON 150 Principles of Economics	3
or	
ECON 212 Macroeconomic Principles	3
(Prerequisite ECON 211)	

- c. Complete one course from the following:

	Credits
ANTH 100 Cultural Anthropology and Linguistics	4
GEOG 101 World Geography: Europe and Asia	3
GEOG 102 World Geography: Africa and Americas	3
GEOG 203 Economic Geography	3
SOCI 250 Race Relations in Global Perspective	4

2. Select four courses that can be used to satisfy the requirements for one of the three concentrations within the international studies major. The four courses must be approved by an international studies academic advisor. No more than two courses can be from the same department. At least three courses must be at the 300/400 level.

3. Additionally, students must demonstrate mid-level proficiency in a foreign language by completing a 202-level language course with a grade of C or better or by scoring above 202 level on a placement test.

Latin American Studies

For more information see the director of international education.

The Latin American studies minor is an interdisciplinary area studies program with a study abroad requirement, as well as the opportunity to complete most of the minor via a semester abroad at a foreign SU partner institution.

Requirements for the minor in Latin American studies include the following:

1. Complete five of the following courses. Courses must be taken in a minimum of three different areas

	Credits
Fine Arts	
ART 391 Special Topics in Art History *\$	4
MUSC 316 Topics in Music History *\$	4
History	
HIST 332 Modern Mexico	4
HIST 334 Colonial Latin America	4
HIST 335 Modern Latin America 1800-Present	4
HIST 490 Studies in History *	4
Humanities	
ENGL 318 Topics in Hispanic Literature in Translation *\$	4
SPAN 300 Topics in Spanish Studies *†\$	4
SPAN 316 Latin American Culture and Civilization †\$	4
SPAN 330 Topics in Hispanic Literature in Translation *\$	4
SPAN 336 Survey of Latin American Literature †\$	4
Social Sciences	
ANTH 200 Topics in Anthropology *\$	4
ENVR 150 Environmental Perspectives *\$	4
ENVR 200 Environmental Studies in the Amazon	3
ENVR 495 Environmental Field Studies	4
POSC 204 Topics in Political Science *\$	4
POSC 211 Comparative Politics of Latin America	4
POSC 390 International Field Study *\$	4
POSC 480 Studies in Political Science *	4
SOCI 301 Studies in Sociology *\$	4
SOCI 339 Immigration	4
SOCI 363 Women and Development	4

* With Latin American-focused topic.	
† Taught in Spanish.	
\$ Regularly offered via SU Semester in Ecuador: Latin American Studies Track	

2. Complete a minimum of two semesters of Spanish or demonstrate equivalent knowledge via placement exam or presentation of other evidence of said knowledge. (Note: Spanish component of enhancement package included in SU's Salisbury Abroad: Ecuador semester-long program fulfills one of the two required semesters.) Student may replace or combine Spanish with another Latin American language studied abroad with permission.	
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- At least one course for the minor must be completed while studying in a Latin American country. No more than nine transfer credits may count toward the minor. (Note: Students may count four courses/16 credits completed via the Salisbury Abroad: Ecuador program toward the minor, as these are not transferable credits, but SU courses executed abroad via SU's partner institution in Latin America.)
- Earn grades of C or better in all courses taken for the minor.
- No more than one course in the minor may be used to satisfy General Education requirements.

Marketing Management

For more information see the Perdue School advising coordinator.

Students not majoring in accounting, business administration, finance, management or information systems may minor in marketing management.

This program provides a survey of marketing management education and is excellent preparation for careers in promotion management (advertising and sales), fashion merchandising, retail management, purchasing distribution, public relations, etc., as well as operating a small business. It is not recommended as preparation for graduate study in business administration (see business administration minor). At least 15 hours of the work applied toward the minor must consist of courses which are not used to satisfy General Education requirements and at least nine of these hours must be credits earned at the University. Grades of C or better are required in all courses applicable to the minor. The required courses of the minor are:

	Credits
BUAD 103 *Introduction to Business	3
MKTG 330 Principles of Marketing Management	3
ECON 150 **Principles of Economics	3
or	
ECON 211 **Micro-Economic Principles	3
or	
ECON 212 **Macro-Economic Principles	3
* not open to students concurrently enrolled in, or with academic credit for, any 300/400-level ACCT/BUAD/FINA/INFO/MKTG/MGMT courses (such students are to substitute ACCT 248: Legal Environment)	
** ECON 150, 211 or 212 may be used to satisfy General Education IIB requirements	

Plus any three of the following electives:

	Credits
MGMT 320 Management and Organizational Behavior	3
MGMT 428 Entrepreneurship	3
MKTG 331 Advertising and Promotions	3
MKTG 332 Buyer Behavior	3
MKTG 334 Principles of Retailing	3
MKTG 336 Direct and Interactive Marketing	3
MKTG 337 Professional Selling	3
MKTG 338 Special Topics in Marketing	3
MKTG 406 Advanced Direct and Interactive Marketing	3
MKTG 407 Sales Management	3
MKTG 410 Advanced Professional Selling	3

Mathematics

For more information see the Mathematics and Computer Science Department.

The minor in mathematics consists of at least 18 semester hours of mathematics, including MATH 201, of which 15 are not counted for General Education, 12 are numbered 201 or higher, 12 are not being applied to another minor in the Department of Mathematics and Computer Science, and at least three are at the 300/400 level. Each course in the minor must be completed with a grade of C or better, and at least nine credits must be earned at Salisbury University.

Middle School Science Education

For more information see the Teacher Education Department.

The middle school science minor consists of a minimum of 23 credits, 15 of which must be beyond those required for General Education. All courses must be passed with a grade of C or better. At least nine credits must be earned at SU.

Core Science Courses

- Complete two General Education IV lab science courses from two science prefix areas:
 - BIOL
 - PHYS or CHEM
 - GEOL or GEOG
- Complete a science course from a third prefix area listed above or an approved STEM elective.
- Complete the following:

	Credits
BIOL 115/ MDTC 101 Safety in the Biological, Chemical and Clinical Laboratory	1

Additional Science/STEM Courses

Complete at least three additional courses (lab or non-lab) that are approved for the minor in at least two prefixes: BIOL, CHEM, ELED, ENVH, ENVR, GEOG/GEOL*, ISED, PHYS for a total 8-12 credits. At least six of these credits must be at the 200 level or above.

* For the purposes of this minor, GEOL and GEOG will be considered one content area. GEOG courses used for area two must be physical geography or geography methodology courses.

Additional Requirement

Complete the following:

	Credits
EDUC 470 Practicum in Middle School Science Education	3

Interested students must contact the minor coordinator to establish an approved list of courses to take for the minor at the time of registration for the minor.

Music

For more information see the Music, Theatre and Dance Department.

Students must complete a minimum of 24 hours of coursework to complete a minor in music. Of those, only one course may be used to satisfy General Education requirements, and at least nine hours must be credits earned at SU. Grades of C or better are required in all courses applicable to the minor. The requirements are as follows:

- Complete two core courses:

MUSC 201 Introduction to Music Theory	4
or	
MUSC 203 Theory I	3
(determined by Theory Advisory Exam)	
and	
MUSC 114 Music Appreciation	4
- Complete three credit hours of music ensembles (MUSA 100, 101, 102, 103, 104, 105, 106, 107, 110 or 131).
- Complete remaining 13-14 music credit hours, six of which must be at the 300/400 level (MUSA or MUSC).

Outdoor Education Leadership

For more information see the Health and Sport Sciences Department.

The minor in outdoor education leadership consists of a minimum of 19 credit hours. Salisbury University requires that at least 15 hours of work applied to the minor must consist of courses not used to satisfy General Education requirements and that at least nine of these hours must be credits earned at the University. In addition, a grade of C or better is required in all courses applicable to the minor.

- Complete the following core courses:

	Credits
PHEC 201 Wilderness First Aid	3
PHEC 370 Camp Leadership and Management	3
PHEC 371 Outdoor Leadership Techniques	3
PHEC 472 Experiential Learning and Methods of Teaching Outdoor Activities	3

- Complete at least six credits from the following:

	Credits
PHEC 209 Camping and Backpacking	3
PHEC 210 Scuba Diving	3
PHEC 220 Canoeing and Kayaking	3
PHEC 221 Wilderness Navigation	3

Philosophy

For more information see the Philosophy Department.

For a minor in philosophy, a student must complete five courses, with at least two at the 300/400 level. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU. Additionally, minors require grades of C or better in all courses applicable to the minor. The distribution requirements follow.

- Complete one core course in value theory or metaphysics/epistemology from the following:

	Credits
PHIL 203 Ethics	4
PHIL 300 Philosophy of the Arts	4
PHIL 305 Political Philosophy	4
PHIL 307 Mind, Language and World: Themes in Analytical Philosophy	4
PHIL 330 Theory of Knowledge	4
PHIL 335 Philosophy of Science	4
PHIL 401 Moral Theory	4
PHIL 402 The Problem of God	4
PHIL 408 Metaphysics	4
PHIL 450 Philosophical Concepts in Literature	4

- Complete one course in the history of philosophy from the following:

	Credits
PHIL 290 Proseminar in Philosophy	4
PHIL 308 Ancient Philosophy	4
PHIL 309 Medieval Philosophy	4
PHIL 311 Modern Philosophy	4
PHIL 317 19th Century Philosophy	4

- Complete three electives from any of the courses previously listed or the following:

	Credits
PHIL 101 Introduction to Philosophy	4
PHIL 103 Critical Thinking	4
PHIL 202 Symbolic Logic	4
PHIL 209 Philosophy and Culture	4
PHIL 210 Nature, Religion and Science	4
PHIL 301 Violence and Nonviolence	4
PHIL 306 Animals and Ethics	4
PHIL 310 Philosophical Topics	4
PHIL 312 Introduction to Asian Philosophy	4
PHIL 313 Studies in the History of Philosophy	4
PHIL 315 Life and Death Issues in Health Care	4
PHIL 316 Philosophy and Feminism	4

PHIL 318	Environmental Responsibility	4
PHIL 319	Law and Morality	4
PHIL 321	Race and Ethnicity	4
PHIL 322	Existentialism	4
PHIL 323	Buddhist Philosophy	4
PHIL 324	Topics in Asian Philosophy	4
PHIL 325	Philosophy of Religion	4
PHIL 399	International Studies in Philosophy	4
PHIL 405	Contemporary Continental Philosophy	4
PHIL 475	Senior Seminar	4
PHIL 490	Independent Study	1-4

Physics

For more information see the Physics Department.

The physics minor requires the completion of at least 17 credits with grades of C or better. At least 15 credits applied toward the minor must be coursework which is not used to satisfy General Education requirements and at least nine hours must be credits earned at the University.

- Complete the following courses:

	Credits
PHYS 221 Physics I	4
PHYS 223 Physics II	4
PHYS 225 Physics III	3
PHYS 309 Mathematical Physics	3

- Select at least four additional credits of 300/400-level physics courses.

Political Science

For more information see the Political Science Department.

The minor in political science consists of a minimum of five courses with minimum grades of C. POSC 101 or 110 is required and at least two other courses must be upper-division credits. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU.

Interested students should contact the department chairperson.

Professional Sales

For more information, see the Management and Marketing Department.

The professional sales minor provides students with an in-depth understanding of sales and sales-related functions in an organization. Sales is a very important function as it is the only revenue-generating function in an organization. The sales minor is open to any student at SU, provided they meet the prerequisites. The minor requires 18 credit hours, any of which may be used to fulfill other degree requirements.

All courses must be completed with a grade of C or better and none may be taken P/F. A minimum of nine credits must be earned at SU. Course substitution will only be allowed if a course has not been offered in two subsequent semesters. The minor requires an internship in sales. Students who have completed their ABLE internship in another area will be required to complete a new ABLE internship in the area of sales. Students must declare the professional sales minor online at: www.salisbury.edu/perdue/student-services/advising/students/minors.html.

The professional sales minor requires the following course of study.

1. Complete the following required courses:

	Credits
MKTG 337 Professional Selling	3
MKTG 407 Sales Management	3
MKTG 410 Advanced Professional Selling	3
MKTG 490 Marketing Internship in Sales	3
or	
BUAD 490 Business Internship in Sales	3

2. Complete six credits of approved electives:

	Credits
MKTG 401 Business Marketing	3
BUAD 345 Purchasing and Materials Management	3
MGMT 454 Negotiation	3
Other elective approved by department chair	3

Psychology

For more information see the Psychology Department.

The minor in psychology consists of a minimum of five courses. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU. All courses in the minor must be completed with grades of C or better:

1. Complete the following core course:

	Credits
PSYC 101 General Psychology	4

2. Select four additional psychology courses.

Religious Studies

For more information see the Philosophy Department.

This minor offers students the opportunity to study the nature of religion from a variety of scholarly perspectives—anthropology, English, history, philosophy and sociology. The minor consists of a minimum of five courses, with at least three at the 300/400 level. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU. Grades of C or better are required in all courses applicable to the minor. Students interested in the minor should contact the Philosophy Department, which coordinates the program.

1. Complete one of the following core courses:

	Credits
IDIS 250 Comparative Religions	4
or	
HIST 210 Introduction to World Religions	4

2. Select a minimum of four courses from those listed here. Select from at least three different departments:

	Credits
ANTH 200 Topics in Anthropology	4
(when the topic deals specifically with religious themes)	
ANTH 215 Religion, Magic and Witchcraft	4
ENGL 300 Studies in English	4
(when the topic deals specifically with religious themes)	
ENGL 301 Studies in English	4
(when the topic deals specifically with religious themes)	
ENGL 341 The Bible as Literature	4
ENGL 366 World Mythology	4
ENGL 384 Native American Literature	4
ENGL 401 Studies in Film	4
(when the topic deals specifically with religious themes)	
HIST 210* Introduction to World Religions	4
HIST 215 Topics in History	4
(when the topic deals specifically with religious themes)	
HIST 320 History of the Early Christian Church	4
HIST 371 Introduction to Classical Mythology	4
HIST 375 Topics in American Studies	4
(when the topic deals specifically with religious themes)	
HIST 382 American Religious History	4
IDIS 250* Comparative Religions	4

PHIL 309 Medieval Philosophy	4
PHIL 310 Philosophical Topics	4
(when the topic deals specifically with religious themes)	
PHIL 323 Buddhist Philosophy	4
PHIL 324 Topics in Asian Philosophy (when the topic deals specifically with religious themes)	4
PHIL 325 Philosophy of Religion	4
PHIL 402 The Problem of God	4
PHIL 450 Philosophical Concepts in Literature	4
(when the topic deals specifically with religious themes)	
SOCI 318 Sociology of Religion	4
* When not used to satisfy the core course requirement.	

Social Justice Studies

For more information see the Teacher Education or Education Specialties departments.

The social justice studies minor is an 18-hour, interdisciplinary course of study for students interested in local and global issues of community, equity and justice. Students have an opportunity to structure their minor from a large list of offerings to customize their study in their area of interest.

This minor requires the completion of 18 credits, 15 of which may not be used for General Education and at least 12 completed at the 300/400 level. Additionally, students may not take more than two courses from the same discipline.

Courses may be selected from the following:

	Credits
ENGL 338 Literature of the Queer	4
ENGL 365 Literature of the Global South	4
ENGL 370 Latina/o Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 382 African-American Literature I	4
ENGL 383 African-American Literature II	4
ENGL 384 Native American Literature	4
ENGL 386 American Women Writers of Color	4
ENGL 433 Language and Culture	4
ENGL 438 Bilingualism	4
GEOG 202 Cultural Geography	4
GEOG 203 Economic Geography	4
HIST 210 Introduction to World Religions	4
HIST 213 Introduction to Gender Studies	4
HIST 224 Hitler and the Third Reich	4
HIST 225 Holocaust: The Extermination of the European Jews	4
HIST 376 Violence and Nonviolence In America	4
HIST 387 Racism and Discrimination	4
HIST 388 Civil Rights in American History	4
HIST 440 Minority Groups in United States History	4
HIST 445 African-American History From 1865	4
IDIS 213 Introduction to Gender Studies	4
IDIS 300 Service Learning Seminar	4
PHIL 203 Ethics	4
PHIL 301 Violence and Nonviolence	4
PHIL 305 Political Philosophy	4
PHIL 316 Philosophy and Feminism	4
PHIL 401 Moral Theory	4
PHIL 471 Sport for Development, Peace and Social Change	3
POSC 200 Political Ideologies	4
POSC 205 Women in Politics	4
POSC 408 Political Violence and Terrorism	4
POSC 409 Causes of War	4
POSC 450 Civil Rights And Liberties	4
PSYC 306 Social Psychology	4
PSYC 410 Multicultural Issues	4
SOWK 200 Introduction to Social Work Profession	4
SOWK 450 Social Work with Families and Children	4
SOWK 483 Social Work Practice in Rural Environments	3
SOWK 486 Social Work with LGBTQ Persons	4
SOCI 201 Social Problems	4
SOCI 220 The Family	4
SOCI 225 Sociology of Conflict and Nonviolence	4
SOCI 250 Race Relations in Global Perspective	4
SOCI 304 Social Inequality	4

SOCI 314 Sociology of Gender	4
SOCI 320 Social Movements	4
SOCI 325 Sexuality, Alternatives and Society	4
SOCI 331 Racial and Cultural Minorities	4
SOCI 409 Sociology of Education	4

Social Studies

For more information see the Teacher Education Department.

The social studies minor includes coursework in a variety of social science disciplines. These courses may serve as preparation for applying for the social studies teaching certificate. As certification in social studies is granted by the state, not the University, completion of the minor requirements and the appropriate teacher education courses does not guarantee certification.

The requirements for the social studies minor consist of 20-24 semester hours, 15 of which must be beyond the courses used to fulfill the General Education and academic major requirements. All courses in the minor must be completed with a grade of C or better. The courses taken for the minor will be determined by the student's major. For other majors, contact the Teacher Education Department.

Economics: two courses history, two courses human geography, two courses political science

Geography: two courses history, two courses economics, two courses political science

History: two courses political science, two courses economics, two courses human geography

Political Science: two courses history, two courses economics, two courses human geography

Elementary and Early Childhood Education: one course history, two courses political science, two courses economics, two courses human geography (one course from history and one course from human geography may also be used to satisfy General Education requirements)

Courses may be selected from the following:

	Credits
ECON 211 Micro-Economic Principles	3
ECON 212 Macro-Economic Principles	3
GEOG 100 Introduction to Human Geography	3
GEOG 101 World Geography: Europe and Asia	3
GEOG 102 World Geography: Africa and the Americas	3
GEOG 202 Cultural Geography	3
GEOG 203 Economic Geography	3
GEOG 301 World Regions	3
GEOG 302 Geography of the U.S. and Canada	3
HIST 201 History of the U.S.	4
HIST 202 History of the U.S.	4
POSC 101 Introduction to Politics and Government	4
POSC 110 American National Government	4
POSC 202 State and Local Government in the U.S.	4
POSC 210 Introduction to International Relations	4
POSC 311 Comparative Governments of Developing Nations	4
Other courses with advisor approval.	

Social studies minor students with a social science major other than history may take the secondary education track courses, including internship. These students must meet the same entrance requirements, as well as complete all program requirements, as those admitted to approved programs.

Sociology

For more information see the Sociology Department.

Students must complete a minimum of five courses in sociology, any two of which must be at the 300/400 level, with grades of C or better in each course. Only one of the courses in the minor may be used to satisfy a General Education requirement and at least three of the courses must be completed at SU.

South Asian Studies

For more information see the Philosophy Department.

The South Asian studies minor is an interdisciplinary area studies program with a study abroad requirement, as well as the opportunity to complete most of the minor via a semester abroad at a foreign SU partner institution.

Requirements for the minor in South Asian studies include the following:

1. Complete a minimum of five of the following courses. Within the minimum five courses:

- Complete at least two South Asian language courses or one eight-credit South Asian language course.
- Complete at least one course from the area of Social Sciences and at least one course from the area of Arts/Humanities.
- Complete the one remaining course from any area.

South Asian Language Studies: Complete a minimum of two courses in one South Asian language or one course each in two different South Asian languages or one eight-credit South Asian language course or demonstrate equivalent language knowledge (to be determined via appropriate examination).

	Credits
MDFL 101 Elementary Language Study I*	4
MDFL 102 Elementary Language Study II*	4

Social Sciences

ANTH 200 Topics in Anthropology*	4
ANTH 201 Cultural Anthropology Survey*	4
ENVR 150 Environmental Perspectives*	4
ENVR 495 Environmental Field Studies*	4
GEOG 399 International Field Study*	3
HIST 342 History of India to 1857	4
HIST 343 History of India: 1857 to Present	4
POSC 204 Topics in Political Science*	4

Arts/Humanities

ART 391 Special Topics in Art History*	4
CMAT 391 Studies in Mass Media*	4
CMAT 399 International Studies in Communication*	4
DANC 150 Yoga	4
ENGL 300 Topics in English Literature*	4
ENGL 399 International Studies in Literature*	4
MDFL 248 Studies in Contemporary Cultures*	4
MUSC 210 Special Topics in Music*	4
MUSC 316 Topics in Music History*	4
PHIL 312 Introduction to Asian Philosophy	4
PHIL 323 Buddhist Philosophy	4
PHIL 324 Topics in Asian Philosophy*	4
PHIL 399 International Studies in Philosophy*	4

Survey Courses

ANTH 100 Cultural Anthropology and Linguistics	4
CMAT 337 International Media Systems	4
ENGL 365 Literature of the Global South	4
GEOG 101 Europe and Asia	3
POSC 311 Comparative Politics of Developing Nations	4

* When offered with a South Asia-focused topic.

2. At least one course for the minor must be completed while studying in a South Asian country. No more than nine transfer credits may count toward the minor. (Note: Students may count four courses/16 credits completed via the semester-

long Salisbury Abroad: India program toward the minor, as these are not transfer credits, but SU courses executed abroad via SU's partner institution in Pune, India.)

- Earn grades of C or better in all courses taken for the minor.
- No more than one course in the minor may be used to satisfy General Education requirements.

Spanish

For more information see the Modern Languages and Intercultural Studies Department.

Requirements for a minor in Spanish consist of five courses. Only courses in which a student earns a grade of C or better may be applied to the minor. Only one course may be used to meet a General Education requirement and at least three courses must be completed at SU.

	Credits
SPAN 202 Spanish in Review	4
SPAN 310 Oral and Written Composition	4
or	
SPAN 313 Effective Reading and Writing for Heritage Speakers	4
SPAN 315 Spanish Culture and Civilization	4
or	
SPAN 316 Latin American Culture and Civilization	4
SPAN 335 Survey of Latin American Literature	4
or	
SPAN 336 Survey of Spanish Literature	4
SPAN XXX* 300-/400-Level Course Taught in Spanish	4

*SPAN 330 Hispanic Literature in Translation does not count toward this requirement.

Statistics

For more information see the Mathematics and Computer Science Department.

The minor in statistics consists of at least 18 credits and requires completion of the following courses with a grade of C or better.

- An introductory statistics course:

	Credits
MATH 213* Statistical Thinking	3
MATH 214* Statistics Laboratory	1
or	
MATH 155 Modern Statistics with Computer Analysis	3

*Students taking MATH 213 must register for MATH 214 concurrently.

- A calculus course:

MATH 201 Calculus I	4
or	
MATH 160 Applied Calculus	3

- At least four approved courses from the following: MATH 313, MATH 314, MATH 380*, MATH 390*, MATH 495*, MATH 411, MATH 413, MATH 414, MATH 493, or any statistics or research course approved by the chair of the Department of Mathematics and Computer Science.

In addition, at least 15 credit hours of the minor must consist of courses not used to satisfy General Education requirements, and at least nine hours must be taken at Salisbury University.

* At most one course from MATH 380, MATH 390 and MATH 495 may be used toward the minor.

Theatre

For more information see the Music, Theatre and Dance Department.

Students must complete five courses (including one elective at 300/400 level) with grades of C or better. Only one course may be used to meet a General Education requirement and at least three courses must be earned at SU. This minor is not available to theatre majors.

- Complete three courses:

	Credits
THEA 100 Theatre Appreciation	4
or	
THEA 300 History of Theatre I	4
THEA 110 Technical Production	4
or	
THEA 126 Costuming and Theatre Crafts	4
THEA 200 Voice and Movement Fundamentals	4
or	
THEA 210 Design Fundamentals	4

- Take two additional theatre courses (including one at 300/400 level).

Transfusion Services/Blood Bank

For more information see the Medical Laboratory Science Program in the Health Sciences Department.

Students must complete 24 hours with grades of C or better. At least 15 hours of work applied toward the minor must consist of courses which are not used to satisfy General Education requirements. At least nine of these hours must be credits earned at the University.

Complete the following courses:

	Credits
BIOL 215 Anatomy and Physiology I	4
BIOL 216 Anatomy and Physiology II	4
MDTC 101 Safety in the Biological, Chemical and Clinical Lab	1
MDTC 300 Principles of Medical Laboratory Science	4
MDTC 301 Hematology I	4
MDTC 331 Diagnostic Immunology	4
MDTC 431 Introduction to Transfusion Services	3

Urban and Regional Planning

For more information, see the Geography and Geosciences Department.

The minor in urban and regional planning requires the completion of at least 18 credit hours of courses. At least 15 hours of the work applied toward the minor must consist of courses that are not used to satisfy General Education requirements, and at least nine of these hours must be credits earned at SU. All courses applicable to the minor must be completed with a C or better. For more information and for specific course approvals, please contact the minor coordinator.

- Complete the following courses:

	Credits
URPL 308 Principles of Planning	3
URPL 408 Seminar in Urban Theory	3

- Complete at least two courses from the following:

	Credits
URPL 328 Applied Planning	3
URPL 402 Environmental Planning	3
URPL 416 Smart Growth	3

- Complete at least one course from the following:

	Credits
GEOG 325 Conservation and Resource Management	3
GEOG 401 Soil, Water and Environment	3
GEOG 403 Environmental Hazards	3
POSC 360 Environmental Policy	3

- Complete at least one course from the following:

	Credits
CADR 200 Foundations of Conflict and Conflict Resolution	4
ECON 211 Micro-Economic Principles	3
ENVR 210 Principles of Environmental Economics	4
GEOG 304 Decision Making with GIS	4
GEOG 319 Geographic Information Science	4
POSC 202 State and Local Government in the U.S.	4

Charles R. and Martha N. Fulton

Fulton School of Liberal Arts

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Majors & Minors

Bachelor of Arts

Art
Communication Arts
Conflict Analysis and
Dispute Resolution
English
ESOL/K-12 Certification
(English to Speakers of Other
Languages)
Environmental Studies
French
History
Interdisciplinary Studies
International Studies
Music
Philosophy
Political Science
Psychology
Sociology
Spanish
Theatre

Bachelor of Fine Arts

Art

Bachelor of Science

Interdisciplinary Studies

Minors

African Area Studies
American Studies
Anthropology
Art
Art History
Business and Professional
Writing
Conflict Resolution
and Peace Studies
Communication Arts
Comparative Literature
Creative Arts
Dance
English
Environmental Studies
ESOL (English to Speakers of
Other Languages)
Ethnic and Global Literatures
Ethnic and Intercultural Studies
Film
French
Gender and Sexuality Studies
German
Gerontology
History
International Studies
Latin American Studies
Music
Philosophy
Planning
Political Science
Psychology
Religious Studies
Social Studies
Sociology
South Asian Studies
Spanish
Theatre

Master of Arts

Conflict Analysis and Dispute
Resolution
English
History

Post-Baccalaureate Certificate
in TESOL



Contents

School Information	98
Departments	
Art	99
Communication Arts	100
Conflict Analysis and Dispute Resolution	100
English	100
Environmental Studies	101
History	101
Modern Languages and Intercultural Studies	102
Music, Theatre and Dance	102
Philosophy	103
Political Science	103
Psychology	103
Sociology	103
Undergraduate Majors	
Art	104
Bachelor of Arts	104
Visual Communications B.A. Track	104
Two-dimensional Studio B.A. Track	105
Art History B.A. Track	105
Three-dimensional Studio B.A. Track	105
Bachelor of Fine Arts	105
Ceramics B.F.A. Track	105
Drawing B.F.A. Track	105
Graphic Design B.F.A. Track	105
Hot Glass B.F.A. Track	105
Photography B.F.A. Track	106
Painting B.F.A. Track	106
Sculpture B.F.A. Track	106
New Media B.F.A. Track	106
Communication Arts	106
Human Communication Studies Track	106
Media Production Track	107
Media Studies Track	107
Journalism/Public Relations Track	107
Conflict Analysis and Dispute Resolution	108
International Track	108
Intergroup/Organizational Track	108
Interpersonal Track	109
English	109
Creative Writing Concentration	109
Film Concentration	110
Linguistics Concentration	110
Literature Concentration	110
English as a Second Language Track	111
Writing and Rhetoric Track	111
Teacher Certification	111
ESOL (English to Speakers of Other Languages)/	
K-12 Certification	112
Environmental Studies	114

www.salisbury.edu/fulton

French	115
Teacher Certification	115
History	116
Teacher Certification	116
Interdisciplinary Studies	118
Individually Designed Tracks	118
American Studies Track	118
Anthropology Track	119
Ethnic and Intercultural Studies Track	120
Gender and Sexuality Studies Track	120
International Studies	121
International Relations Concentration	121
Global Cultural Studies Concentration	122
International Political Economy Concentration	123
Music	124
Traditional Track	125
Vocal Performance Track	125
Instrumental Performance Track	125
Music Technology Track	125
Teacher Certification	126
Philosophy	127
Political Science	128
Traditional Major	128
Applied Politics Track	128
Psychology	128
Sociology	129
Spanish	130
Teacher Certification	130
Theatre	131
Design and Production Track	131
Performance Track	131
Graduate Programs	
Master of Arts in Conflict Analysis and Dispute Resolution	132
Master of Arts in English	132
Literature (Non-thesis)	133
Literature (Thesis)	133
Composition and Rhetoric	134
TESOL	134
TESOL and Maryland Certification	134
Post-Baccalaureate Certificate in TESOL	134
Master of Arts in History	135

School Information

The Charles R. and Martha N. Fulton School of Liberal Arts houses 12 departments across academic disciplines ranging from the visual and performing arts to the humanities and social sciences. It supports a substantial portion of the general education experience of every Salisbury University student as well as a wide array of majors and minors, including several popular interdisciplinary programs.

Liberal education (the "arts" is often dropped so as not to exclude the sciences) remains essential to our students' formation as individuals, citizens and professionals. In a knowledge-based economy, knowledge of the complex and diverse world and skills in research, analysis and writing are critical. More, in a society in which one raises children with the hope that they can reach their full potential, liberal education is the appropriate way to launch young, and sometime older, adults into rich, fulfilling lives guided by a love of learning, a diversity of interests and a valuable set of skills. More still, the school equips its students to be enlightened participants, and even leaders, in a free and democratic society, thoughtful and articulate about their moral and ethical obligations to their fellow human beings, locally and globally.

Since the Fultons named the school in 1989, all faculty members who have received tenure hold the terminal degree in their field. The model of success among Fulton School faculty is the scholar-teacher, active in research or creative activity and an able and caring mentor to students. The school's emphasis on undergraduate research means that all programs prepare students to conduct research in their academic disciplines. The Fulton School showcases excellence through the annual Salisbury University Student Research Conference and a strong presence at the National Conference on Undergraduate Research, which the University has hosted twice. The school also supports both faculty and student participation in discipline-specific and interdisciplinary academic conferences.

Fulton faculty endeavors include: *Literature/Film Quarterly*, an international academic journal; the Nabb Research Center for Delmarva History and Culture, specializing in local and regional history; a bi-annual conference on American Women Writers of Color; the Maryland Summer Center for the Arts for talented and gifted middle and high school students; the Institute for Public Affairs and Civic Engagement, which promotes faculty and student research and discussion of public policy questions and sponsors student internships in state and local government; the Center for Conflict Resolution, which supports research on interpersonal and global conflict and provides training and services in mediation and conflict resolution; and a lively University Art Galleries program exhibiting contemporary art in the University Gallery, the Electronic Gallery and our Downtown Campus gallery. In the performing arts, the Bobbi Biron Theatre program, the Salisbury University Dance Company, the Salisbury Symphony Orchestra, the University Chorale, Concert Band, Jazz Ensemble and other music ensembles contribute to a full calendar of excellent cultural events, showcasing the talents of our students and faculty as well as members of the larger community.

Whether students choose a major from among the traditional disciplines in the arts, humanities or sciences, or from among interdisciplinary programs such as environmental stud-

ies, international studies or conflict analysis and dispute resolution, all can benefit from our rich opportunities for international study. Short-term options vary from year to year, but regularly include Ecuador, Argentina, Italy, Scotland, India and Vietnam, to name a few. School-sponsored, semester-long programs aimed at providing a richly interdisciplinary experience at a reasonable cost, are available in Ecuador, Scotland, Spain, Estonia, Ghana, India and China.

The school's benefactors made their gift with the intent of enhancing the economic, educational and cultural resources of the Eastern Shore and its future generations. **Charles R. Fulton** (1919-2005) grew up on a farm in Kenton, OH, and was working in the poultry industry when he met his future wife, Martha Nock, at the 1939 World Poultry Congress in Cleveland. A veteran of World War II, Charles Fulton was involved in Eastern Shore agriculture for more than half a century. In 1965 three of his companies merged with Holly Farms, which Tyson Foods purchased in 1989. He served on the board of directors of Holly Farms and First Maryland Bancorp, the second largest bank in Maryland. In 1998, he received an honorary Doctor of Humane Letters from Salisbury University.

Martha Nock Fulton attended what was then the State Teachers College in Salisbury in 1937-38. Her classmates included Hamilton P. Fox, later a prominent Salisbury attorney and leader in Maryland politics, Dr. S. Goldsborough "Goldie" Tyler, who later became a professor at the college, future poultry magnate Franklin P. Perdue and his future wife, Madeline Godfrey. The Nock family, originally from Snow Hill, was noted for its philanthropic role in the religious and civic life of the community and beyond, including aunts, uncles and cousins involved in missionary, medical and political work.

Scholarships and awards in the school include the following:

- Art Department Alumni Recognition Award
- Art Department Meritorious Award
- Art Department Scholarships
- Art Assistantship Student Award
- Nettie C. Bentley Scholarship in Music
- Delmarva History Prize
- Caroline S. Dudley Memorial Scholarship in Music
- Robert A. Elderdice Award in Literature
- William M. Folger Scholarship
- Fulton Scholarships
- History Department Scholastic Award
- Music Program Award
- National Dance Association Award
- Duane C. Nichols Memorial Scholarship in English
- Outstanding Foreign Language Student Award
- Gerald and Bette Jane Patt Scholarship in Theatre
- Philosophy Department Outstanding Student Award
- Psychology Department Award
- Thelma B. Robertson Scholarship in the Liberal Arts
- Justin Y. Shen Memorial Awards in Political Science and International Studies
- Leland Starnes Memorial Award in Theatre
- Walter C. Thurston Memorial Award in Photography
- Tony Topolski Memorial Scholarship Award in Sociology
- Wilcomb E. Washburn Student Prize in History
- Joanne Young Award in Theatre

THE SCHOOL'S CURRICULUM REFORM

Though curriculum always evolves over time, in fall 2008 the Fulton School of Liberal Arts implemented a major reform of its curriculum, moving from a model based on three-credit courses to one built upon four-credit courses. The faculty aims to provide students with course experiences that are more rigorous, more focused and richer than was possible under the old model. At an institution that has gained a national reputation for undergraduate research, the Fulton School faculty believe that this model supports the active learning experiences that prepare our students best for life, work and citizenship.

Enhancements selected from seven areas have been either added to or woven into previously three-credit courses that become four-credit courses. A detailed menu of potential course enhancements is found in Appendix D. Fulton courses that feature these enhancements are identified in this catalog by the inclusion of the phrase "Three hours per week with enhancement" in their description. Students who have initiated Fulton majors or minors under previous catalogs and via the previous Fulton curriculum model will be advised and aided by chairs and advisors in a smooth transition from the old version of the program to the new version.

Departments

ART

Majors: Art (B.A./B.F.A.)

Minor: Art, Art History

(See "Undergraduate Minors" section for details.)

Chair

Associate Professor Edward Brown, M.F.A.; Cranbrook Academy of Art

Professors

Paul Flexner, M.F.A.; Pennsylvania State University

Jinchul Kim, M.F.A.; School of Visual Art

Wm. Brooke Rogers, M.F.A.; Maryland Institute, College of Art

Associate Professors

Elizabeth Kauffman, M.F.A.; University of Cincinnati

Dean Peterson, M.F.A.; Eastern Michigan University

Assistant Professors

Steven Durow, M.F.A.; Tulane University

David Gladden, M.F.A.; Brooklyn College

Jennifer Liston, Ph.D.; University of California, Los Angeles

John Mosher, M.F.A.; University of Cincinnati

Victoria Pass, Ph.D.; University of Rochester

William Wolff, M.F.A.; Louisiana State University;

Tokyo University of the Arts

Lecturers

Jeanne Anderton, M.F.A.; Syracuse University

Gary Brotman, M.F.A.; Indiana University

Jessica Davis, M.F.A.; Pennsylvania Academy of the Fine Arts

Carl Goldhagen, M.F.A.; University of Maryland College Park

Marjorie Hill, M.S.; Southwest Missouri State University

Sally Molenda, M.F.A.; George Washington University

Pamela Olszewski, M.A.; University of Maryland Baltimore County

The Department of Art offers programs leading to the Bachelor of Arts and the Bachelor of Fine Arts in art. Students enjoy wide-ranging instruction in fine arts, graphic design and art history, receiving the technical skill, critical perspective and historical background to pursue careers in art and arts-related fields as well as graduate study in art.

The visual arts provide a means for educating the mind to focus on nonverbal comprehension, sensate-based awareness and personal feelings that are imbued with meaning, but not easily articulated. The visual arts are a manifestation of the creative mind, influencing and influenced by prevailing social issues and reflecting the energy of contemporary society. They provide the student with opportunities to apprehend the nature of creativity by mastering a particular medium. The Art Department's role as an SU department is to guide students through a wide range of creative possibilities open to exploration. The department's mission is to assist students in developing clarity and strength in their artwork and to give energy and expression to their insights, unifying talent and discipline with ideas, feelings and perceptions.

The art curriculum is enhanced by various exhibitions and related programs sponsored by the Salisbury University Galleries, and a show featuring works by graduating artists is held each semester. The department has an "open studio" policy, allowing students access to specially equipped facilities even when class is not in session to complete assignments and pursue independent work.

COMMUNICATION ARTS

Majors: Communication Arts

Minors: Communication Arts

(See "Undergraduate Minors" section for details.)

Chair

Associate Professor Bryan Horikami, Ph.D.;
Pennsylvania State University

Professors

Frances L. Kendall, Ph.D.; University of Missouri
Andrew Sharma, Ph.D.; Syracuse University
Darrell Newton, Ph.D.; University of Wisconsin-Madison

Associate Professors

Vinita Agarwal, Ph.D.; Purdue University
David Burns, Ph.D.; University of Maryland
James Burton, Ph.D.; University of Nottingham
Lori Dewitt, Ph.D.; North Dakota State University
Christine Egan, Ph.D.; Florida State University
Darrell G. Mullins, Ph.D.; Bowling Green State University
Haven Simmons, Ph.D.; University of Iowa

Assistant Professors

Colleen Clark, M.A.; Peabody Conservatory of
The Johns Hopkins University

Joint appointment with Music, Theatre and Dance Department

Jennifer Cox, Ph.D.; University of Florida
Michael D. Moeder, Ph.D.; University of Missouri
Paul E. Scovell, M.S.; Murray State University

Lecturers

Melany Trenary, M.A.; East Carolina University
Amanda Welch-Hamill, M.F.A.; The Catholic University of America

The Department of Communication Arts (CMAT) offers programs leading to the Bachelor of Arts. The curriculum is designed to increase a student's ability to communicate effectively, responsibly and intellectually. Courses taken in the CMAT Department also increase awareness of the global community, the impact of mass communications and the importance of social media. Further, students sharpen their public relations and journalistic skills for professional application. The department also offers expert instruction in radio and television production, giving our majors access to state-of-the-art facilities.

CONFLICT ANALYSIS AND DISPUTE RESOLUTION

Majors: Conflict Analysis and Dispute Resolution

Minors: Conflict Analysis and Dispute Resolution

(See "Undergraduate Minors" section for details.)

Graduate: M.A. Conflict Analysis and Dispute Resolution

Chair

Associate Professor Ignaciyas Keetha Poncalan Soosapillai, Ph.D.;
Nova Southeastern University

Program Director

Professor Brian D.D. Polkinghorn, Ph.D.; Syracuse University

Professor

Thomas E. Boudreau, Ph.D.; Syracuse University

Associate Professor

Jacques Koko, Ph.D.; Nova Southeastern University

Assistant Professors

Toran J. Hansen, Ph.D.; University of Minnesota
Jacques Koko, Ph.D.; Nova Southeastern University
Vitus Ozoke, Ph.D.; Nova Southeastern University

Lecturer

Robert M. LaChance, M.A.; Arcadia University

The Department of Conflict Analysis and Dispute Resolution (CADR) is a unique "program of distinction" that awards a Bachelor of Arts in CADR. The department, in conjunction with the Center for Conflict Resolution, Inc. (see

"Centers and Institutes" section for details), offers students a multidisciplinary, practical and applied approach to teaching and training. The CADR program balances core concepts in conflict theory and research, linking these to practical applications in the field of conflict analysis and dispute intervention.

Through the Center for Conflict Resolution, which is the practice, research and training wing of the program, CADR excels in providing students with unique mentored extracurricular activities, programs and projects. The center, through its commitment to student learning, has sent students around the world to study and conduct conflict-analysis and intervention research. The center and CADR adopt a 'teaching hospital' model consisting of three wings: teaching, research and practice. Students are fully engaged in all three activities, via supervised mentoring by either CADR faculty and/or center staff. The synergistic impact of the teaching hospital model has led graduates of this program to undertake impressive post graduate careers in the field and to be accepted into leading graduate programs.

CADR majors are equipped for careers in a wide variety of fields including, but not limited to: private-sector mediation; organizational management; human-resource management; law enforcement and work with courts; both domestic and international NGOs; non-profit societies; and governmental agencies.

The CADR Department also offers a master's degree in CADR.

ENGLISH

Major: English, ESOL/K-12 Certification

Minors: English, English to Speakers of Other Languages (ESOL), Business and Professional Writing, Ethnic and Global Literatures, Film

(See "Undergraduate Minors" section for details.)

Graduate: M.A. English

Chair

Associate Professor Adam H. Wood, Ph.D., Georgia State University

Professors

Gary M. Harrington, Ph.D.; University of Toronto
Anjali Pandey, Ph.D.; University of Illinois at Urbana-Champaign
Judith E. Pike, Ph.D.; University of California Irvine
John P. Wenke, Ph.D.; University of Connecticut

Associate Professors

Elizabeth H. Curtin, D.A.; Carnegie-Mellon University
David Johnson, Ph.D.; University of Florida
John D. Kalb, Ph.D.; Michigan State University
James S. King, Ph.D.; City University of New York
T. Ross Leasure, Ph.D.; Cornell University
Loren L. Marquez, Ph.D.; Texas Christian University
Nicole Munday, Ph.D.; Indiana University of Pennsylvania
Manav Ratti, D.Phil.; Oxford University
Christopher Vilmar, Ph.D.; Emory University
Elsie Walker, Ph.D.; University of Sheffield, U.K.

Assistant Professors

Trisha Campbell, Ph.D.; University of Pittsburgh
Derya Kulavuz-Onal, Ph.D.; University of South Florida
April Logan, Ph.D.; Temple University
John Nieves, Ph.D.; University of Missouri
Andrew Scahill, Ph.D.; University of Texas at Austin

Lecturers

Arnold Melczarek, Ph.D.; University of Florida
Cynthia Payne, Ph.D.; Indiana University of Pennsylvania
Tonya Price, M.A.; Salisbury University
Karen Wayne, M.A.; Salisbury University
Vicki Willey, M.A.; Salisbury University

The Department of English offers programs leading to the Bachelor of Arts in English, enhancing written communication skills, sharpening critical thinking skills, broadening knowledge of the power of language, refining understanding of literature

as art and cultivating knowledge in the critical approaches used to analyze literature.

The English concentrations/tracks prepare students for careers and graduate study in such fields as law, copyediting, professional reviewing, technical and grant writing, research, communications, and teaching. The department's teacher certification program prepares students for teaching English in secondary schools. Students who complete this program are certified to teach English in the state of Maryland and those states that have reciprocity agreements with Maryland.

ENVIRONMENTAL STUDIES

Major: Environmental Studies

Minor: Environmental Studies

(See "Undergraduate Minors" section for details.)

Chair

Professor Michael Lewis, Ph.D.; University of Iowa

Professors

Jill Caviglia-Harris, Ph.D.; University of Tennessee
Joint appointment with Economics and Finance Department
James Hatley, Ph.D.; State University of New York at Stony Brook

Assistant Professors

Sonja Kolstoe, Ph.D.; University of Oregon
Joint appointment with Economics and Finance Department
Tami S. Ransom, Ph.D.; University of Virginia
Sarah Surak, Ph.D.; Virginia Polytechnic Institute and State University
Joint appointment with Political Science Department

Professor of the Practice of Chesapeake Studies

Tom Horton, B.A.; Johns Hopkins University

Departmental Liaison

Associate Professor Gina Bloodworth, Ph.D.;
Pennsylvania State University
Liaison with Geography and Geosciences Department

Program Specialist and Community Outreach

William Nelson, M.A.; Towson University

Adjunct Faculty and Practitioners

Jay Martin, Organic Farming

The Department of Environmental Studies offers the Bachelor of Arts in environmental studies. This course of study integrates courses in the humanities, social sciences and natural sciences to give students the tools they need to examine complex environmental issues in depth and assess them from a variety of perspectives. The program combines a solid academic foundation with extensive experiential learning opportunities. Frequent opportunities for research and community engagement provide environmental studies graduates with a substantial foundation for further graduate study or meaningful careers in environmental fields, ranging from land and resource management, to pollution abatement and control, to environmental sustainability in businesses, to environmental advocacy and education, among many other options.

The curriculum requires that students complete an interdisciplinary core of courses as well as environmental electives from departments across campus. Students are required to take an experiential course (an internship, research or study abroad) and to complete a minor in a related field. Courses emphasize experiential learning and field work, as appropriate. Out of the classroom, there's no better-situated university on the East Coast for study of the interactions between natural and social systems. The Chesapeake region and the Eastern Shore are an extension of the classroom, as students can explore some of the mid-Atlantic's most intact river systems; study coastal barrier islands; visit major wildlife refuges; observe working watermen's communities; investigate close to a hundred thousand acres of wetlands; study some of the nation's largest urban areas; and within a three hour radius visit the capitals of two states or Washington D.C.

HISTORY

Major: History

Minor: American Studies, Anthropology,

Gender and Sexuality Studies, History

(See "Undergraduate Minors" section for details.)

Graduate: M.A. History

Chair

Associate Professor Emily F. Story, Ph.D.; Vanderbilt University

Professors

Richard C. Bowler, Ph.D.; University of California Los Angeles
Gregory C. Ference, Ph.D.; Indiana University
Dean J. Kotowski, Ph.D.; Indiana University
Michael Lewis, Ph.D.; University of Iowa

Joint appointment with Environmental Studies Department

Timothy S. Miller, Ph.D.; The Catholic University of America
Maarten L. Pereboom, Ph.D.; Yale University
Kristen P. Walton, Ph.D.; University of Wisconsin, Madison

Associate Professors

Tom Goyens, Ph.D.; University of Leuven
Creston S. Long, Ph.D.; The College of William and Mary
Elizabeth A. Ragan, Ph.D.; University of Pennsylvania
Bart R. Talbert, Ph.D.; University of Alabama
Jeanne E. Whitney, Ph.D.; University of Delaware

Assistant Professors

Céline Carayon, Ph.D.; The College of William and Mary
Kara French, Ph.D.; University of Michigan
Aston Gonzalez, Ph.D.; University of Michigan at Ann Arbor
Aparajita Mukhopadhyay, Ph.D.; University of London
Joseph Venosa, Ph.D.; Ohio University

Lecturers

Kevin E. Birch, M.A.; Washington College; M.A., University of Maryland
College Park
Margaret F. Genvert, M.A.; Salisbury University
Claudia A. Hannon, M.A.; Salisbury University

The Department of History offers a program leading to the Bachelor of Arts in history. The department's objective is to develop a habit of inquiry enhancing students' abilities to think critically and analytically, speak effectively and write coherently.

The history major examines times and cultures other than our own while fostering a sense of the interconnectedness of our world. Furthermore, it offers a perspective of the issues of our lives and times and their significance in a personal, ethical, global and multicultural framework. Finally, the discipline provides a foundation upon which we can build and strengthen those qualities which make us human.

The history curriculum is excellent preparation for careers that cross disciplinary lines and graduate programs such as history, law, library science, museology and international affairs. History graduates may teach as well as work in local, state and federal government, tourism, publications, advertising, insurance, consulting and numerous areas of business.

The History Department further administers the anthropology and gender studies tracks in interdisciplinary studies. See the Interdisciplinary Studies section of this school for details.

The History Department also offers a master's degree in history, with a concentration in Chesapeake and colonial history.

MODERN LANGUAGES AND INTERCULTURAL STUDIES

Major: French, Spanish, French Secondary Education, Spanish Secondary Education
Minor: French, German, Spanish
 (See "Undergraduate Minors" section for details.)

Chair

Associate Professor Claire F. Kew, Ph.D.; Johns Hopkins University

Professor

Louise A. Detwiler, Ph.D.; Indiana University

Associate Professors

Brian N. Stiegler, Ph.D.; Pennsylvania State University

Corinne Pubill, Ph.D.; University of California - Davis

Assistant Professor

Sally Perret, Ph.D.; University of Illinois at Urbana-Champaign

Aurélien Vande Wiele, Ph.D.; Rice University

Lecturers

Carolina Bown, Ph.D.; University of Maryland Eastern Shore

Arnaud Perret, Ph.D.; University of Illinois at Urbana-Champaign

The Department of Modern Languages and Intercultural Studies offers the Bachelor of Arts in French and Spanish; minors in French, Spanish and German; and K-12 teacher certification in French and Spanish. Beginning coursework also is offered in American Sign Language, Arabic, Chinese, Japanese and Russian, among other languages. The department's mission is to foster students' abilities to think critically and to communicate intelligently and creatively in their native as well as in a foreign language. It promotes the study of language and culture to provide a sense of perspective and a better understanding of the world at large today.

Many foreign language majors prepare for a career in education, but the ability to speak in a second language is beneficial in any career emphasizing the global nature of our world, such as international business, media, journalism, government, conflict resolution, environmental work, social work, tourism and others. The major also prepares students for graduate work in literature and area and international studies.

Students are encouraged to take advantage of the department's impressive array of study abroad programs, as well as its local and international internship opportunities, which provide both linguistic and cultural immersion.

MUSIC, THEATRE AND DANCE

Majors: Music, Theatre
Minors: Dance, Music, Theatre
 (See "Undergraduate Minors" section for details.)

Co-Chairs

Professor William M. Folger, D.M.A.;

University of North Carolina - Greensboro

Director, Choral Activities

Professor Robert Smith, M.F.A.; California Institute of the Arts

Artistic Director, Bobbi Biron Theatre Program

Professors

Linda Cockey, D.M.A.; The Catholic University of America

Victoria V. Hutchinson, Ed.D.; Temple University

T. Paul Pfeiffer, Ph.D.; Union Institute and University

Jerry Tabor, D.M.A.; University of Maryland College Park

Associate Professors

Thomas E. Anderson, M.F.A.; Wayne State University

Danielle Cumming, D.M.; McGill University

Jeffrey Schoyen, D.M.A.; State University of New York at Stony Brook

John Wesley Wright, D.M.A.; Cincinnati Conservatory of Music

Leslie T. Yarmo, M.F.A.; New York University Tisch School of the Arts

Assistant Professors

Louise Anderson, Ph.D.; Temple University

Colleen Clark, M.A.; Peabody Conservatory of

The Johns Hopkins University

Joint appointment with Communication Arts Department

John Raley, M.F.A.; New York University Tisch School of the Arts

Leanne Wood, Ph.D.; Princeton University

Lecturers

Lawrence Knier, M.M.; Arcadia University

Sachio Murasugi, D.M.A.; The Ohio State University

Mary V. Norton, Dance Artist-in-Residence

Artistic Director, SU Dance Company

The music program leads to the Bachelor of Arts in music that enables students to grow as musicians while availing themselves of the opportunities offered by a broad-based liberal arts curriculum. The program accommodates students seeking an understanding of music within a humanistic context, as well as students seeking to become professional musicians and music teachers.

Within the Bachelor of Arts in music degree program, students may pursue a variety of tracks in performance, liberal arts or teacher certification. Students who complete the teacher certification program are certified to teach music in the state of Maryland and those states that have reciprocity agreements with Maryland. While all tracks are constructed to enable students to pursue graduate study in music, the immediate goals of each track differ according to the varied needs of the student population they serve.

The music program is accredited by the National Association of Schools of Music.

The theatre and dance programs offers a broad-based liberal arts curriculum leading to the Bachelor of Arts in theatre with tracks in performance and design/production, as well as minors in theatre and dance. Dedicated to balancing rigorous academics with high-quality production and repertory performance, it places a high priority on the study of theatre and dance as a means of communication, cultural expression and creativity.

The theatre major is anchored in the liberal arts tradition and strongly rooted in the classical theatre. The major addresses pre-professional training through aesthetic education and criticism, creative expressions, and historical and sociocultural contexts. Design and performance experiences develop a professional work ethic and require participation in all aspects of production. The dance minor provides technical training, methods for teaching and a global perspective for appreciating dance.

The balance of theoretical/applied coursework and performance/production experience develops skills and knowledge that prepare students to enter professional and related fields, pursue graduate study and participate as educated, discerning consumers and supporters of theatre and dance.

The department's performance season runs parallel with the academic year.

PHILOSOPHY

Major: Philosophy
Minor: Philosophy, Religious Studies, South Asian Studies
 (See "Undergraduate Minors" section for details.)

Chair

Professor Joerg Tuske, Ph.D.; Cambridge University

Professor

Grace A. Clement, Ph.D.; Northwestern University

Associate Professor

Timothy Stock, Ph.D.; University of Toronto

Assistant Professor

Cristina Cammarano, Ph.D., Columbia University

Affiliated Faculty

James Hatley, Ph.D.; State University of New York at Stony Brook

The Department of Philosophy offers a program leading to the Bachelor of Arts in philosophy that develops students' abilities to think critically, examine fundamental questions about the nature of the self and the world, and thus to establish a foundation for intelligent action in the world. Students are exposed to a variety of philosophical perspectives and asked to philosophize. Because philosophy teaches clear, coherent and creative thinking, it can be of service in almost any field, particularly law, medicine, government, education, computers, publishing and business. The department also prepares students for graduate study in law, theology, social work and philosophy.

POLITICAL SCIENCE

Majors: International Studies, Political Science
Minors: International Studies, Political Science
 (See "Undergraduate Minors" section for details.)

Chair

Associate Professor Adam H. Hoffman, Ph. D; University of Maryland College Park; J.D., Albany Law School

Director of the International Studies Program

Associate Professor Taehyun Nam, Ph.D.; University of Kansas

Professor

Michael O'Loughlin, Ph.D.; Ohio State University

Associate Professors

Roberta Adams, Ph.D.; University of Pennsylvania

Leonard C. Robinson, Ph.D.; University of Utah

Assistant Professors

Sarah Surak, Ph.D.; Virginia Polytechnic Institute and State University

Joint appointment with Environmental Studies Department

Eric Rittinger, Ph.D.; Syracuse University

The Department of Political Science offers a program leading to the Bachelor of Arts in political science, which furthers the understanding of political processes and structures at the local, state, national and international levels. Central concerns include the relationship between governmental leaders and citizens, the relationships between nations and the effect on politics of economic, social and cultural forces.

The study of political science is a basis for citizens' responsible political participation and critical thinking, particularly in analyzing public policies. Internship and international field study courses provide hands-on experiences in the real political world.

Political science prepares students for law school and graduate programs in political science, international studies, public administration and policy sciences. Careers for political science majors include government service (local, state or federal level), law, law enforcement, journalism, political campaign management, the military, intelligence agencies and lobbying.

PSYCHOLOGY

Major: Psychology
Minor: Psychology
 (See "Undergraduate Minors" section for details.)

Chair

Associate Professor Michèle M. Schlehofer, Ph.D.;

Claremont Graduate University

Professors

Karl J. Maier, Ph.D.; University of Maryland Baltimore County

Suzanne Osman, Ph.D., Syracuse University

Associate Professors

Charisse Chappell, Ph.D.; University of Houston

J. Craig Clarke, Ph.D.; Lehigh University

Jason McCartney, Ph.D.; Virginia Polytechnic Institute

and State University

Meredith Patterson, Ph.D.; Claremont Graduate University

Thomas Tomcho, Ph.D.; Syracuse University

Mark I. Walter, Ph.D.; University of Maine

Assistant Professors

Cecilia Accocella, Ph.D.; Northeastern University

Larence Becker, Ph.D.; Johns Hopkins University

Rhyannon H. Bemis, Ph.D.; University of New Hampshire

Heidi Fritz, Ph.D., Carnegie Mellon University

Lance Garmon, Ph.D.; The Ohio State University

Kyoung Rae Jung, Ph.D.; University of Minnesota

Echo Leaver, Ph.D.; University of Illinois at Urbana-Champaign

Yuki Okubo, Ph.D., Columbia University

The Department of Psychology offers a program leading to a Bachelor of Arts in psychology, providing the knowledge and skills necessary to pursue study in psychology beyond the B.A., or to obtain employment in liberal arts or human services fields. Further, the department serves non-majors fulfilling General Education, minor or other program requirements.

The Department of Psychology encourages a broad-based liberal arts background for all majors. The psychology curriculum focuses on the scientific method and its use in psychological research; examines research literature in areas such as developmental, physiological and social psychology; and helps students communicate psychological information effectively.

SOCIOLOGY

Majors: Sociology
Minors: Ethnic and Intercultural Studies, Gerontology, Sociology
 (See "Undergraduate Minors" section for details.)

Chair

Associate Professor Diane S. Illig, Ph.D.; University of Maryland College Park

Professor

Timothy J. Dunn, Ph.D.; University of Texas at Austin

Associate Professor

Shawn McEntee, Ph.D.; Ohio State University

Assistant Professors

Allan Pappas Jr., Ph.D.; Louisiana State University

Alexander Stoner, Ph.D.; University Of Tennessee

Lecturer

Dagmar Berry, Ph.D.; Charles University

The Department of Sociology offers a program leading to a Bachelor of Arts in sociology, which generates interest in how the experiences and behavior of individuals are shaped by social forces. Students gain understanding of the social world they live in and learn to deal with people and organizations in their everyday lives.

Sociology is a valuable preparation for careers in a wide variety of fields including social research, criminology, demog-

raphy, social psychology, public administration, gerontology, education, rehabilitation, social work and market research. It provides a useful background for law, business, medicine, community planning and politics.

Sociology prepares students for most graduate programs in the liberal arts and social sciences. Through its strong emphasis in the core areas of theory and social research, the curriculum particularly enables students to successfully study sociology beyond the B.A.

► Departmental Honors Program

Sociology majors of outstanding ability may achieve recognition through the departmental honors program. To be considered for departmental honors, students should apply to the department chair, or be recommended to the chair by a member of the faculty, no later than the start of their senior year. The faculty will admit qualified students to SOCI 495: Independent Study for Department Honors considering each student and his/her proposal for the independent study. Students are awarded honors upon their completion of the independent study with a grade of B or better and their completion of the major coursework with a minimum 3.5 average.

Undergraduate Majors

ART

Department of Art

Edward Brown, Chair
410-543-6270

BACHELOR OF ARTS IN ART

Students must complete 52 credit hours in art, at least 20 of which must be at the 300/400 level. Of these 52 hours, 36 hours are required core courses, and 16 hours must be taken in one of the following approved tracks: visual communications, two-dimensional studio, three-dimensional studio or art history. Note that students in the three-dimensional studio tracks have somewhat different core requirements, as listed below.

All art courses must be completed with a C or better. Additionally, students must take at least 20 hours of their free electives outside the Art Department (one course must be upper division), including six to eight hours of a foreign language. Students may provide evidence of proficiency to satisfy the language requirement.

The requirements for the B.A. in art are as follows:

1. Complete the core art courses:

	Credits
ART 121 Design Principles	4
ART 129 Introduction to Digital Photography	4
or	
ART 229 Photography I	4
ART 130 Drawing I	4
ART 201 Introduction to Art History	4
ART 215 Ceramics I	4
or	
ART 271 Glass I	4
ART 226 Graphic Design I	4
or	
ART 227 Digital Design and Layout	4
or	
ART 280 New Media I	4
ART 246* Painting I	4
or	
ART 261* Sculpture	4
ART 299 Sophomore Seminar	2
ART 499 Senior Exhibition	2
ART XXX Art History Elective	4
ART XXX Art History Elective	4

* Students in the two-dimensional studio track must take ART 246.
Students in the three-dimensional studio track must take ART 261.

2. Select 16 credits in one of the tracks listed below, excluding core courses.

Visual Communications B.A. Track

	Credits
ART 280 New Media I	4
ART 312 World Wide Web Design	4
ART 313 Interactive Animation	4
ART 328 Illustration	4
ART 329 Alternative Processes in Film Photography	4
ART 355 Digital Imaging	4
ART 359 Advanced Digital Photography	4
ART 380 New Media II	4
ART 390 Advanced Study	1-3
ART 395 Special Topics in Art	4

ART 420	Color Processes in Film Photography	4
ART 429	Studio Techniques and Applied Film Photography	4-8
ART 480	Advanced New Media	4-8
ART 490	Independent Study	1-3
ART 491	Internship	1-4

Two-Dimensional Studio B.A. Track

	Credits
ART 230 Drawing II	4
ART 330 Drawing III	4
ART 340 Painting II	4
ART 345 Advanced Composition	4
ART 350 Printmaking: Lithography	4
ART 351 Printmaking: Etching	4
ART 352 Printmaking: Silkscreen	4
ART 353 Printmaking: Relief	4
ART 390 Advanced Study	1-3
ART 395 Special Topics in Art	4
ART 430 Drawing IV	4
ART 431 Advanced Drawing	4-8
ART 440 Painting III	4
ART 441 Painting IV	4
ART 442 Advanced Painting	4-8
ART 490 Independent Study	1-3

Art History B.A. Track

	Credits
ART 208 History of Baroque and Rococo	4
ART 300 Modern Art to 1945	4
ART 301 Northern Renaissance Art	4
ART 302 American Art: Colonial to 1900	4
ART 303 American Art: 20th Century	4
ART 305 Art Since 1945	4
ART 306 History of Greek and Roman Art	4
ART 310 Italian Renaissance Art	4
ART 311 History of Pre-Columbian Art	4
ART 335 Women in Art	4
ART 390 Advanced Study	1-3
ART 391 Special Topics in Art History	4
ART 399 International Field Study	4
ART 490 Independent Study	1-3

Three-Dimensional Studio B.A. Track

	Credits
ART 215 Ceramics I	4
ART 261 Sculpture	4
ART 265 Wood Sculpture	4
ART 271 Glass I	4
ART 315 Ceramics II	4
ART 318 Book Arts	4
ART 361 Sculpture II	4
ART 371 Glass II	4
ART 390 Advanced Study	1-3
ART 395 Special Topics in Art	4
ART 415 Ceramics III	4
ART 416 Advanced Ceramics	4-8
ART 461 Advanced Sculpture	4
ART 471 Advanced Glass	4-8
ART 490 Independent Study	1-3

BACHELOR OF FINE ARTS IN ART

Students must complete 78 hours in art, at least 16 of which must be at the 300/400 level, with minimum grades of C. They additionally select an approved track, complete special assignments and periodically submit a portfolio for review. The major requirements are as follows:

1. Complete 13 core art courses:

	Credits
ART 121 Design Principles	4
ART 129* Introduction to Digital Photography	4
or	
ART 229* Photography I	4
ART 130 Drawing I	4
ART 201 Introduction to Art History	4

ART 215	Ceramics	4
or		
ART 271	Glass I	4
ART 226**	Graphic Design I	4
or		
ART 227	Digital Design and Layout	4
or		
ART 280	New Media I	4
ART 230	Drawing II	4
or		
ART 35X	Printmaking area (350, 351, 352 or 353)	4
ART 246	Painting I	4
ART 261	Sculpture I	4
ART 299	Sophomore Seminar	2
ART XXX	Art History Elective	4
ART XXX	Art History Elective	4
ART 499	Senior Exhibition	2

* Students with a track in photography must take ART 229; all others may take ART 129 or 229.

** Students with a graphic design track must take ART 226.

2. Select art electives (not track courses) to reach a total of 78 credits in the art program (does not include ART 104).

3. Select a minimum of 16 credits in a B.F.A. track, excluding any core courses. Program guides for specific course selection are available from the art department. The tracks include ceramics, drawing, graphic design, hot glass, photography, painting, sculpture and new media.

4. B.F.A. students must be sponsored by their advisor, and a faculty committee must review the student portfolio upon completion of Senior Exhibition (ART 499).

Ceramics B.F.A. Track

	Credits
ART 315 Ceramics II	4
ART 395 Special Topics in Art	4
ART 415 Ceramics III	4
ART 416 Advanced Ceramics	4-8
ART 490 Independent Study	1-3

Drawing B.F.A. Track

	Credits
ART 330 Drawing III	4
ART 345 Advanced Composition	4
ART 390 Advanced Study in Art	1-3
ART 395 Special Topics in Art	4
ART 430 Drawing IV	4
ART 431 Advanced Drawing	4-8
ART 490 Independent Study	1-3

Graphic Design B.F.A. Track

	Credits
ART 326 Graphic Design II	4
ART 426 Graphic Design III	4
ART 490 Independent Study	1-3
ART 491 Internship	1-4
ART 495 Graphic Design Agency	4

Hot Glass B.F.A. Track

	Credits
ART 371 Glass II	4
ART 395 Special Topics in Art	4
ART 471 Advanced Glass	4-12
ART 490 Independent Study	1-3

Photography B.F.A. Track

	Credits
ART 329 Alternative Processes in Film Photography	4
ART 355 Digital Imaging	4
ART 359 Advanced Digital Photography	4
ART 395 Special Topics in Art	4
ART 420 Color Processes in Film Photography	4
ART 429 Studio Techniques and Applied Film Photography	4-8
ART 490 Independent Study	1-3
ART 491 Internship	1-4

Painting B.F.A. Track

	Credits
ART 340 Painting II	4
ART 395 Special Topics in Art	4
ART 440 Painting III	4
ART 441 Painting IV	4
ART 442 Advanced Painting	4-8
ART 490 Independent Study	1-3
ART 491 Internship	1-4

Sculpture B.F.A. Track

	Credits
ART 265 Wood Sculpture	4
ART 361 Sculpture II	4
ART 395 Special Topics in Art	4
ART 461 Advanced Sculpture	4-12
ART 490 Independent Study	1-3

New Media B.F.A. Track

	Credits
ART 280 New Media I	4
ART 380 New Media II	4
ART 395 Special Topics (Video)	4
ART 480 Advanced Media	4-8
ART 490 Independent Study	1-3
ART 491 Internship	1-4

General Information**► General Education**

ART 121, 129, 130, 201 or 215 may be used to satisfy a General Education Group IIIA or IIIC requirement. Students seeking art studio credits without registration in areas of special proficiency may challenge courses through a written examination and presentation of a portfolio. The challenge procedure is not open to first-semester freshmen. Transfer students wishing to challenge studio courses should contact the department chair to arrange for advising, testing and presentation of a portfolio.

The Art Department reserves the right to retain permanently one work completed by each student in each class. Disposition of these works is the prerogative of the department. Other works may be held temporarily for use in special exhibitions and will be available to owners no later than one year after the lending date.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

COMMUNICATION ARTS**Department of Communication Arts**

Dr. Bryan Horikami, Chair

410-677-3206

Students must complete 10 courses in the department, at least four courses at the 300/400 level, with grades of C or better. Students must receive a grade of C or better in all prerequisite courses before progressing to an advanced course. Transfer students majoring in communication arts must complete a minimum of four courses in communication arts courses at Salisbury University with minimum grades of C. The requirements are as follows:

1. Complete the following core courses:

	Credits
CMAT 101 Introduction to Human Communication Studies	4
CMAT 102 Introduction to Mass Media	4
CMAT 399 International Studies in Communication	4
or	
CMAT 490 Communication Seminar	4
or	
CMAT 495 Internship in Communication	4
or	
CMAT 497 Independent Research	4

2. Complete one of the following tracks: human communication studies, media production, media studies or journalism/public relations.**3. Complete a minor outside the Communication Arts Department.****4. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)****Human Communication Studies Track**

This track allows for emphasis in areas such as interpersonal communication theory, organizational communication, training and development, human relations/human resources.

► Track Core: Two Courses

	Credits
CMAT 218 Rhetoric and Public Presentation	4
CMAT 297 Communication Research	4

► Competency Electives

Choose five courses as directed below:

Relational Communication Competence:

Choose one of the following:

	Credits
CMAT 205 Interpersonal Communication	4
CMAT 305 Relational Communication	4
CMAT 306 Conversational Analysis	4
CMAT 307 Interpersonal Conflict	4
CMAT 312 Nonverbal Communication	4
CMAT 405 Family Communication	4

Organizational Communication Competence:

Choose one of the following:

	Credits
CMAT 250 Instructional Communication	4
CMAT 260 Introduction to Organizational Communication	4
CMAT 308 Interviewing	4
CMAT 310 Small Group Discussion	4
CMAT 314 Conference and Meeting Management	4
CMAT 318 Event Planning and Communication	4
CMAT 365 Managerial Communication	4
CMAT 460 Applied Organizational Communication	4

Cultural Communication Competence:

Choose one of the following:

	Credits
CMAT 300 Intercultural Communication	4
CMAT 304 Communication, Gender and Culture	4
CMAT 335 Communicating on the Web	4
CMAT 430 Political Communication	4
CMAT 465 Communication Technology	4

► Additional Courses

Select two additional courses from any of the Human Communication Studies Track competency groups above or from the general electives listed here:

	Credits
CMAT 317 Persuasion and Argumentation	4
CMAT 390 Special Topics in Human Communication Studies	4
CMAT 399 International Studies in Communication	4
CMAT 400 Advanced Communication Theory	4
CMAT 490 Communication Seminar	4
CMAT 492 Independent Study	4
CMAT 495 Internship	4
CMAT 497 Independent Research	4

Media Production Track

This track prepares students for careers in new media, broadcast production and performing for the media.

► Track Core: Four Courses

	Credits
CMAT 131 Writing for Media	4
CMAT 234 Beginning Audio Production	4
CMAT 243 Television Studio Production	4
CMAT 343 Field Video Production	4

► Track Electives

Choose three courses from the following:

	Credits
CMAT 354 Advanced Audio Production	4
CMAT 373 News Packages and Documentary Shorts	4
CMAT 374 2D Animation	4
CMAT 392 Studies in Media Production	4
CMAT 399 International Studies in Communication	4
CMAT 433 Documentary Production	4
CMAT 434 Producing a Television Magazine Show	4
CMAT 435 Directing for the Camera	4
CMAT 446 Digital Filmmaking	4
CMAT 456 Advanced Studio Video Production	4
CMAT 466 Specialized Reporting for TV and the Web	4

Media Studies Track

This track prepares students for careers in mass media management, media criticism and legal aspects in media.

► Track Core: Three Courses

	Credits
CMAT 131 Writing for Media	4
CMAT 332 Media Criticism	4
CMAT 334 Mass Media in Society	4

► Track Electives

Choose four courses from the following:

	Credits
CMAT 240 Introduction to Journalism/Public Relations	4
CMAT 297 Communication Research	4
CMAT 331 Dramatic Writing	4
CMAT 336 Cinema and Society	4
CMAT 337 International Media	4
CMAT 338 Mass Media Management	4
CMAT 339 Business of Media	4
CMAT 342 Advertising Campaigns	4
CMAT 391 Studies in Media	4
CMAT 399 International Studies in Communication	4
CMAT 438 Mass Media Law	4
CMAT 439 Critical Issues in New Media	4

Journalism/Public Relations Track

This track prepares students for careers in print journalism, corporate and public sector public relations.

► Track Core: Three Courses

	Credits
CMAT 240 Introduction to Journalism/Public Relations	4
CMAT 249 Journalism/Public Relations Practicum	2
CMAT 344 Writing for the Professions	4

► Track Electives

Choose four courses from one of the two groups.

Public Relations Electives

	Credits
CMAT 297 Communication Research	4
CMAT 308 Interviewing	4
CMAT 314 Conference and Meeting Management	4
CMAT 318 Event Planning and Communication	4
CMAT 335 Communicating on the Web	4
CMAT 340 Public Relations Writing	4
CMAT 342 Advertising Campaigns	4
CMAT 345 Sports Communication	4
CMAT 346 Public Affairs Reporting	4
CMAT 347 Mobile Journalism	4
CMAT 348 Media Design and Layout	4
CMAT 394 Studies in Journalism/Public Relations	4
CMAT 399 International Studies in Communication	4
CMAT 438 Mass Media Law	4
CMAT 440 Media and Criminal Justice	4
CMAT 444 Environmental Communication	4
CMAT 445 Digital Public Relations	4
CMAT 447 International Public Relations	4
CMAT 448 Public Relations Cases and Strategies	4
CMAT 465 Communication Technology	4

Journalism Electives

	Credits
CMAT 297 Communication Research	4
CMAT 308 Interviewing	4
CMAT 335 Communicating on the Web	4
CMAT 345 Sports Communication	4
CMAT 346 Public Affairs Reporting	4
CMAT 347 Mobile Journalism	4
CMAT 348 Media Design and Layout	4
CMAT 394 Studies in Journalism/Public Relations	4
CMAT 399 International Studies in Communication	4
CMAT 438 Mass Media Law	4
CMAT 439 Critical Issues in New Media	4
CMAT 440 Media and Criminal Justice	4
CMAT 444 Environmental Communication	4
CMAT 465 Communication Technology	4

General Information**► General Education**

Students may select one of the following courses to satisfy the General Education Group IIIA or IIIC requirements:

	Credits
CMAT 100 Fundamentals of Communication	4
CMAT 101 Introduction to Human Communication Studies	4
CMAT 102 Introduction to Mass Media	4
CMAT 131 Writing for Media	4
CMAT 205 Interpersonal Communication	4
CMAT 250 Instructional Communication	4
CMAT 260 Fundamentals of Organizational Communication	4

► Departmental Honors Program

Students may complete an honors project at the invitation of the department. Interested students should contact their advisors or the department chairperson.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

CONFLICT ANALYSIS AND DISPUTE RESOLUTION

Department of Conflict Analysis and Dispute Resolution

Dr. Ignaciyas Keetha Poncalan Soosaipillai, Chair
410-543-6435

The conflict analysis and dispute resolution major is housed in the Conflict Analysis and Dispute Resolution Department. The curriculum requirements for the conflict analysis and dispute resolution major are designed to provide a sound pre-professional training ground for undergraduate students who intend to pursue professional conflict intervention positions or to continue in a higher education setting. The major is designed to provide specialized pre-professional training with its emphasis on analytical and practical skills. While remaining anchored in a liberal arts tradition and strongly rooted in the social sciences, the program is designed to easily allow students to study in other fields outside the major in order to enrich these skills and these traditions. Faculty work with students individually to develop strong analytical and practical skills. Students are also guided in the development of a work ethic appropriate to professional conflict resolution practitioners.

The major in conflict analysis and dispute resolution requires time in the field working with organizations and institutions that need conflict resolution services. The major has an internship and field research requirement that can be completed in the local community, the region, nation or internationally.

The Bachelor of Arts in conflict analysis and dispute resolution requires a minimum of 120 credit hours. Students in conflict analysis and dispute resolution will successfully complete a total of 10 courses in conflict analysis and dispute resolution (including electives) with no less than five courses for the major at the 300-400 level. All required courses must be completed with grades of C or better.

Transfer students majoring in conflict analysis and dispute resolution are required to complete at least four upper-level CADR courses with a grade of C or better at Salisbury University.

- Complete five courses core course work:

	Credits
CADR 200 Foundations of Conflict and Conflict Resolution	4
CADR 300 Theories of Conflict and Conflict Resolution	4
CADR 321 Research Methods	4
CADR 400 Practicum and Internship	3-4
CADR 401 Dispute Systems Design	4

- Complete two courses of conflict analysis and dispute resolution elective course work (at least one 300/400 level):

	Credits
CADR 225 Sociology of Violence and Non-violence	4
CADR 301 International Conflict and Conflict Resolution	4
CADR 302 Cross-Cultural Conflict Analysis and Intervention	4
CADR 303 Studies in Conflict Analysis and Dispute Resolution	4
CADR 403 Resolving Environmental Conflict	4
CADR 404 Negotiation and Conflict Management in Business	4
CADR 405 Special Topics	4

- Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

- Students must complete three courses of electives to complete one of the following three tracks:

International Track

Emphasizes challenges between nation, state and world systems.

	Credits
CADR 301* International Conflict and Conflict Resolution	4
CADR 302* Cross-Cultural Conflict Analysis and Intervention	4
CADR 303* Studies in Conflict Analysis and Dispute Resolution	4
CADR 403* Resolving Environmental Conflict	4
CADR 404* Negotiation and Conflict Management in Business	4
CADR 405* Special Topics	4
CADR 490 Individual Directed Study	1-4
CADR 495 Individual Research	4
ECON 402 Comparative Economic Systems	3
ECON 415 Environmental and Natural Resource Economics	3
ECON 441 International Economics	3
HIST 210 Introduction to World Religions	4
HIST 224 Hitler and the Third Reich	4
HIST 225 Holocaust: The Extermination of the European Jews	4
HIST 312 History of Ireland in Modern Times	4
HIST 325 History of European Revolutions Since 1815	4
HIST 355 The Middle East Since 1800	4
HIST 380 The American Military Experience	4
HIST 401 History of U.S. Foreign Relations	4
HIST 421 Europe in the 20th Century World	4
HIST 451 World War I	4
HIST 452 The Second World War: A Global History	4
HIST 453 The Cold War: A Global History	4
HIST 478 Ancient Military History	4
HIST 479 Medieval Military History	4
PHIL 301 Violence and Nonviolence	4
POSC 200 Political Ideologies	4
POSC 210 Introduction to International Relations	4
POSC 213 War and Peace in Middle East	4
POSC 215 American Foreign Policy	4
POSC 230 Judicial Processes and Politics	4
POSC 301 Political Parties and Pressure Groups	4
POSC 370 Democracy	4
POSC 408 Political Violence and Terrorism	4
POSC 409 Causes of War	4
POSC 411 International Law	4
POSC 415 The United Nations System	4
POSC 450 Civil Rights and Liberties	4
SOCI 250 Race Relations in Global Perspective	4
SOCI 339 Immigration	4

* Only if not used as an elective in No. 2.

Intergroup/Organizational Track

Emphasizes conflict escalation based on group affiliation including areas such as cross-cultural, ethnic, racial and gender conflict.

	Credits
ACCT 248 Legal Environment	3
CADR 301* International Conflict and Conflict Resolution	4
CADR 302* Cross-Cultural Conflict Analysis and Intervention	4
CADR 303* Studies in Conflict Analysis and Dispute Resolution	4
CADR 403* Resolving Environmental Conflict	4
CADR 404* Negotiation and Conflict Management in Business	4
CADR 405* Special Topics	4
CADR 490 Individual Directed Study	1-4
CADR 495 Individual Research	4
CMAT 260 Fundamentals of Organizational Communication	4
CMAT 300 Intercultural Communication	4
CMAT 310 Small Group Discussion	4
CMAT 314 Conference and Meeting Management	4
CMAT 400 Advanced Communication Theory	4
CMAT 460 Applied Organizational Communication	4
ECON 300 Economic History of the United States	3
ECON 336 Public Sector Economics	3
ECON 381 Labor Economics	3
GEOG 202 Cultural Geography	3
GEOG 308 Principles of Planning	3
GEOG 402 Environmental Planning	3
HIST 308 Sectional Conflict and Civil War	4
HIST 376 Violence and Nonviolence in America	4
HIST 382 American Religious History	4
HIST 387 Racism and Discrimination	4
HIST 388 Civil Rights in American History	4

HIST 389 U.S. Environmental History	4
HIST 440 Minority Groups in United States History	4
MGMT 320 Management and Organizational Behavior	3
MGMT 492 Strategic Management	3
POSC 230 Judicial Process and Politics	4
POSC 320 Public Policy Analysis	4
POSC 450 Civil Rights and Liberties	4
PSYC 306 Social Psychology	4
PSYC 375 Psychology of the Law	4
PSYC 409 Environmental Psychology	4
PSYC 410 Multicultural Issues	4
SOCI 305 Sociology of Law	4
SOCI 320 Social Movements	4
SOCI 344 Complex Organizations	4

* Only if not used as an elective in No. 2.

Interpersonal Track

Emphasizes conflict that may result from human factors such as miscommunication, misperception, misunderstanding and other forces that are manifest between individuals.

	Credits
CADR 301* International Conflict and Conflict Resolution	4
CADR 302* Cross-Cultural Conflict Analysis and Intervention	4
CADR 303* Studies in Conflict Analysis and Dispute Resolution	4
CADR 403* Resolving Environmental Conflict	4
CADR 404* Negotiation and Conflict Management in Business	4
CADR 405* Special Topics	4
CADR 490 Individual Directed Study	1-4
CADR 495 Individual Research	4
CMAT 205 Interpersonal Communication	4
CMAT 304 Communication, Gender and Culture	4
CMAT 305 Relational Communication	4
CMAT 307 Interpersonal Conflict	4
CMAT 312 Nonverbal Communication	4
CMAT 317 Persuasion and Argumentation	4
CMAT 400 Advanced Communication Theory	4
CMAT 405 Family Communication	4
EDUC 210 School in a Diverse Society	3
HIST 213 Introduction to Gender Studies	4
HIST 379 Women and Family in Europe and the United States	4
PHIL 203 Ethics	4
PHIL 315 Life and Death Issues in Health Care	4
PHIL 316 Philosophy and Feminism	4
PHIL 319 Law and Morality	4
PHIL 322 Existentialism	4
PHIL 323 Buddhist Philosophy	4
PSYC 300 Developmental Psychology	4
PSYC 306 Social Psychology	4
PSYC 333 Effective Parenting	4
PSYC 334 Psychology of Women	4
SOCI 220 The Family	4
SOCI 304 Social Inequality	4
SOCI 314 Sociology of Gender	4
SOCI 325 Sexuality, Alternatives and Society	4
SOCI 326 Social Interaction	4

* Only if not used as an elective in No. 2.

Checklist

For a major checklist visit www.salisbury.edu/checklists.

ENGLISH

Department of English

Dr. Adam Wood, Chair
410-543-6445

English Core

Students may complete the liberal arts English major in one of seven ways: creative writing concentration, English as a second language track, film concentration, linguistics concentration, literature concentration, writing and rhetoric track, or teacher certification. Students in all concentrations and tracks must meet the following core requirements:

- Complete 10 courses of English beyond ENGL 103.
- Complete all courses in the major with grades of C or better.
- Complete one writing course beyond ENGL 103 (taken as part of track/concentration).
- Complete one diversity course (taken as part of track/concentration).
- Complete the requirements of a track or concentration.
- Take a maximum of two courses at the 200 level; a minimum of three courses at the 400 level.
- Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

PLEASE NOTE: All University students must earn a C or better in ENGL 103 to apply it toward graduation and to qualify for enrollment in other English courses.

Creative Writing Concentration

The creative writing concentration includes the following requirements:

- Complete the following course:

	Credits
ENGL 351 Creative Writing	4
- Complete one Workshop course from the following:

	Credits
ENGL 415 Fiction Workshop	4
ENGL 416 Poetry Workshop	4
ENGL 455 Non-Fiction Workshop	4
- Complete one Topics course from the following:

	Credits
ENGL 496 Topics in Poetry	4
ENGL 498 Topics in Fiction	4
- Complete the following (can only be taken once):

	Credits
ENGL 417 The Writer's Craft	4
- Complete one additional Workshop or Topics course from the following (one repeated course satisfies this major requirement; additional repeated courses do not):

	Credits
ENGL 415 Fiction Workshop	4
ENGL 416 Poetry Workshop	4
ENGL 455 Non-Fiction Workshop	4
ENGL 496 Topics in Poetry	4
ENGL 498 Topics in Fiction	4
- Complete one Writing course from the following:

	Credits
ENGL 306 Writing for the Disciplines	4
ENGL 308 Composition III	4
ENGL 463 Literary Analysis	4

7. Complete one diversity course from the following:

	Credits
ENGL 255 African-American Short Story	4
ENGL 338 Literature of the Queer	4
ENGL 365 Literature of the Global South	4
ENGL 369 Global Literature and Justice	4
ENGL 370 Latina/o Literature	4
ENGL 371 Topics in Latina/o Literature	4
ENGL 377 Introduction to African Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 382 African American Literature I	4
ENGL 383 African American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature of the United States	4
ENGL 386 American Women Writers of Color	4
ENGL 389 Topics in Native American Literature	4
ENGL 404 International Cinema	4
ENGL 433 Language and Culture	4
ENGL 438 Bilingualism	4
ENGL 469 Topics in Global South Literature	4
ENGL 470 Topics in African-American Literature	4

8. Complete three English elective courses in literature.

Film Concentration

The film concentration includes the following requirements:

1. Complete the following courses:

	Credits
ENGL 220 Introduction to Film	4
ENGL 323 Major Film Directors	4
ENGL 324 Film Genre	4
ENGL 402 Film History	4
ENGL 404 International Cinema (diversity requirement)	4
ENGL 408 Film Theory	4

2. Choose one writing course from the following:

	Credits
ENGL 306 Writing for the Disciplines	4
ENGL 308 Composition III	4
ENGL 463 Literary Analysis	4

3. Choose three English electives (12 credits) to equal 10 courses. One literature course fulfills General Education IB. Students should consult with their advisor for specific recommendations for the English course offerings best suited to their particular film interests. Students may also take one of the following courses outside the department and count it toward the major:

	Credits
CMAT 331* Dramatic Writing for Media	4
CMAT 332* Media Criticism and Analysis	4
CMAT 334* Mass Media and Society	4
CMAT 391* Studies in Mass Media	4

* Courses have CMAT prerequisites.

Linguistics Concentration

The linguistics concentration includes the following requirements:

1. Complete the following courses:

	Credits
ENGL 240 Introduction to Study of Language	4
ENGL 431 Survey of Modern English Grammars	4
ENGL 433 Language and Culture (diversity requirement)	4

2. Choose one writing course from the following:

	Credits
ENGL 306 Writing for the Disciplines	4
ENGL 308 Composition III	4

3. Choose two electives from the following:

	Credits
ENGL 430 Principles of Linguistics	4
ENGL 439 Second Language Acquisition	4
ENGL 465 Composition Theory	4

ENGL 467 History and Theory of Rhetoric	4
ENGL 491 Topics in Linguistics and Language Learning	4

4. Choose English electives as needed to equal 10 courses, including one literature course (fulfills General Education IB).

Literature Concentration

The literature concentration includes the following requirements:

1. Choose one American literature period or genre course from the following:

	Credits
ENGL 480 Colonial American Literature	4
ENGL 481 American Renaissance	4
ENGL 482 American Realism and Naturalism	4
ENGL 484 American Novel I	4

2. Choose one of the following courses:

	Credits
ENGL 411 Chaucer	4
ENGL 412 Milton	4
ENGL 413 Shakespeare	4

3. Choose one British and one American literature survey course (one of which must be the earlier course in the sequence) from the following:

	Credits
ENGL 356 British Literature I (Beginnings-1675)	4
ENGL 357 British Literature II (1675-Present)	4
ENGL 380 American Literature I (Beginnings-1865)	4
ENGL 381 American Literature II (1865-Present)	4

4. Choose one British literature period or genre course from the following:

	Credits
ENGL 471 Medieval Literature	4
ENGL 472 Literature of the British Renaissance	4
ENGL 473 Restoration and 18th Century Literature	4
ENGL 474 Romantic Literature	4
ENGL 475 Victorian Literature	4
ENGL 476 British Novel I (18th century)	4

5. Choose one additional American or British 400-level course from the following:

	Credits
ENGL 477 British Novel II (19th Century)	4
ENGL 479 Contemporary British Literature	4
ENGL 483 American Southern Writers	4
ENGL 485 American Novel II	4
ENGL 488 Contemporary Trends in American Literature	4

6. Choose one writing course from the following:

	Credits
ENGL 308 Composition III	4
ENGL 463 Literary Analysis	4
ENGL 464 Rhetorical Criticism	4

7. Choose one diversity course from the following:

	Credits
ENGL 255 African-American Short Story	4
ENGL 338 Literature of the Queer	4
ENGL 365 Literature of the Global South	4
ENGL 369 Global Literature and Justice	4
ENGL 370 Latina/o Literature	4
ENGL 371 Topics in Latina/o Literature	4
ENGL 377 Introduction to African Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 382 African American Literature I	4
ENGL 383 African American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature of the United States	4
ENGL 386 American Women Writers of Color	4
ENGL 389 Topics in Native American Literature	4
ENGL 404 International Cinema	4
ENGL 433 Language and Culture	4
ENGL 438 Bilingualism	4
ENGL 469 Topics in Global South Literature	4
ENGL 470 Topics in African-American Literature	4

8. Choose English electives as needed to equal 10 courses.

English as a Second Language Track

The English as a second language track includes the following requirements:

1. Choose four courses from the following:

	Credits
ENGL 430 Principles of Linguistics	4
ENGL 432 Literacy and ESOL Reading	4
ENGL 433 Language and Culture (fulfills diversity requirement)	4
ENGL 434 Literacy and ESOL Writing	4
ENGL 438 Bilingualism	4
ENGL 439 Second Language Acquisition	4

2. Choose one writing course from the following:

	Credits
ENGL 306 Writing for the Disciplines	4
ENGL 308 Composition III	4

3. Complete the modern language requirement by completing a 201-202 sequence (intermediate proficiency) in French, Spanish or German.

4. Choose English electives as needed to equal 10 courses, including one literature course (fulfills General Education IB).

Writing and Rhetoric Track

The writing and rhetoric track includes the following requirements:

1. Complete the following courses:

	Credits
ENGL 308 Composition III	4
ENGL 464 Rhetorical Criticism	4
ENGL 467 History and Theory of Rhetoric	4
ENGL 495 Topics in Writing and Rhetoric	4

2. Choose two courses from the following:

	Credits
ENGL 305 Technical Writing and Editing	4
ENGL 306 Writing for the Disciplines	4
ENGL 307 Writing for the World Wide Web	4
ENGL 455 Nonfiction Workshop	4

3. Choose one language course from the following:

	Credits
ENGL 240 Introduction to the Study of Language	4
ENGL 430 Principles of Linguistics	4
ENGL 431 Survey of Modern English Grammar	4
ENGL 433* Language and Culture	4

4. Choose one diversity course from the following:

	Credits
ENGL 255 African-American Short Story	4
ENGL 338 Literature of the Queer	4
ENGL 365 Literature of the Global South	4
ENGL 369 Global Literature and Justice	4
ENGL 370 Latina/o Literature	4
ENGL 371 Topics in Latina/o Literature	4
ENGL 377 Introduction to African Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 382 African American Literature I	4
ENGL 383 African American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature of the United States	4
ENGL 386 American Women Writers of Color	4
ENGL 389 Topics in Native American Literature	4
ENGL 433 Language and Culture	4
ENGL 438 Bilingualism	4
ENGL 469 Topics in Global South Literature	4
ENGL 470 Topics in African-American Literature	4

* Note: ENGL 433, Language and Culture, may be used in one category only.

5. Choose English electives as needed to equal 10 courses, including one literature course (fulfills General Education IB). One of these courses must be a literature course and one must be either an internship or any other English course.

Teacher Certification

1. Complete the following English requirements:

	Credits
ENGL 240 Introduction to the Study of Language	4
ENGL 356 British Literature I	4
or	
ENGL 357 British Literature II	4
ENGL 380 American Literature I	4
or	
ENGL 381 American Literature II	4
ENGL 413 Shakespeare	4
ENGL 431 Survey of Modern English Grammar	4
ENGL 465 Composition Theory	4

2. Choose one diversity course from the following:

	Credits
ENGL 255 African-American Short Story	4
ENGL 338 Literature of the Queer	4
ENGL 365 Literature of the Global South	4
ENGL 369 Global Literature and Justice	4
ENGL 370 Latina/o Literature	4
ENGL 371 Topics in Latina/o Literature	4
ENGL 377 Introduction to African Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 382 African American Literature I	4
ENGL 383 African American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature of the United States	4
ENGL 386 American Women Writers of Color	4
ENGL 389 Topics in Native American Literature	4
ENGL 404 International Cinema	4
ENGL 433 Language and Culture	4
ENGL 434 Literacy and ESOL Writing	4
ENGL 438 Bilingualism	4
ENGL 469 Topics in Global South Literature	4
ENGL 470 Topics in African-American Literature	4

3. Choose one British period course from the following:

	Credits
ENGL 471 Medieval English Literature	4
ENGL 472 Literature of the British Renaissance	4
ENGL 473 Restoration and 18th Century Literature	4
ENGL 474 Romantic Literature	4
ENGL 475 Victorian Literature	4
ENGL 479 Contemporary British Literature	4

4. Choose one American period course from the following:

	Credits
ENGL 480 Colonial American Literature	4
ENGL 481 American Renaissance	4
ENGL 482 American Realism and Naturalism	4
ENGL 483 American Southern Writers	4
ENGL 488 Contemporary American Literature	4

5. Choose one advanced writing course from the following:

	Credits
ENGL 308 Composition III	4
ENGL 463 Literary Analysis	4
ENGL 464 Rhetorical Criticism	4

The English major language and diversity course requirements are already fulfilled by this curriculum.

► Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

► Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
SCED 340 Teaching Language in Middle and High School English Classrooms	3
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 371 Teaching Reading and Texts in Middle and High School English Classrooms	4
SCED 471 Integrating Writing and Reading in Middle and High School English Classrooms	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship :

1. Complete the written application for internship .
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2
(with a grade of C or better)	

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

General Information

► Transfer Students

Transfer students majoring in English must complete a minimum of four courses of English courses at Salisbury University.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

ESOL (ENGLISH TO SPEAKERS OF OTHER LANGUAGES)/ K-12 CERTIFICATION

Department of English

Dr. Adam Wood, Chair
410-543-6445

The program provides a course of study leading to a Bachelor of Arts with a major in teaching English to speakers of other languages (ESOL) and a State of Maryland K-12 ESOL Certification. The program is designed to prepare educators in instructional and leadership capacities for K-12 school settings.

The program at Salisbury University is housed in the Department of English in the Fulton School of Liberal Arts. However, it is an interdisciplinary major designed for prospective students who wish to enter the teaching profession. Candidates for this degree will do coursework in the theory and practice of ESOL, reading, applied linguistics, the English language and multicultural education. The K-12 ESOL Certification Program is aligned with national standards for the preparation of ESOL professionals, as established by the National TESOL Organization and NCATE. It also reflects principles of Maryland's Redesign for Teacher Education.

The ESOL program includes a General Education experience, the ESOL core requirements and a professional semester consisting of two internships and an internship seminar.

Core Requirements (10 courses)

1. Complete the following required ESOL courses:

	Credits
ENGL 240 Introduction to the Study of Language	
or	
ENGL 430 Principles of Linguistics	4

ENGL 431 Survey of Modern English Grammar	4
ENGL 433 Language and Culture	4
ENGL 439 Second Language Acquisition	4
ENGL 428 ESOL Tests and Measurements	4

2. Complete the following diversity language courses:

	Credits
ENGL 432 Literacy and ESOL Reading	4
ENGL 434 Literacy and ESOL Writing	4
ENGL 438 Bilingualism	4

3. Choose English electives as needed to equal 10 courses, including one literature course (fulfills General Education IB):

	Credits
ENGL 255 African-American Short Story	4
ENGL 306 Writing for Disciplines	4
ENGL 308 Composition III	4
ENGL 338 Literature of the Queer	4
ENGL 356 British Literature I	4
ENGL 357 British Literature II	4
ENGL 365 Literature of the Global South	4
ENGL 369 Global Literature and Justice	4
ENGL 370 Latina/o Literature	4
ENGL 371 Topics in Latina/o Literature	4
ENGL 377 Introduction to African Literature	4
ENGL 378 Literature of the African Diaspora	4
ENGL 379 Literature of the Harlem Renaissance	4
ENGL 380 American Literature I	4
ENGL 381 American Literature II	4
ENGL 382 African-American Literature I	4
ENGL 383 African-American Literature II	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature of the United States	4
ENGL 386 American Women Writers of Color	4
ENGL 389 Topics in Native American Literature	4
ENGL 413 Shakespeare	4
ENGL 469 Topics in Global South Literature	4
ENGL 470 Topics in African-American Literature	4
ENGL 491 Topics in Linguistics and Language Learning	4

Foreign Language Requirements

Maryland K-12 ESOL certification requires candidates to complete a minimum of six credits in a single language area. Accordingly, given a particular student's language proficiency and individual interests, candidates may choose among the various course offerings in the Modern Language Department. Those students already having language proficiency may take courses at the 200 or 300 level, upon approval from the Modern Languages Department.

Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better:

	Credits
CMAT 250 Instructional Communication	4
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
PSYC 101* General Psychology	4
SCED 300 Development, Learning and Assessment	3
* A C or better is not required for PSYC 101.	

2. Show satisfactory results on the Praxis Core Examination or SAT as defined by the Maryland State Department of Education

Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Apply for formal admission to the professional program.

2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Provide at least three positive recommendations from faculty in departments other than Education Specialties or Teacher Education departments.
6. Obtain written approval of the application from their content area and education advisors.
7. Have completed four courses in the major field.

Methods Requirements

1. All ESOL teacher education students must complete the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
EDUC 408 Children's Literature	3
or	
EDUC 409 Literature for Adolescents	3
SCED 339 Secondary/K-12 Methods Visitation (2 semesters)	0
EDUC 415 Instructional Techniques for Inclusion	3
or	
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 447 ESOL Methods	3

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. All secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

Teaching Internship

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100 day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Students will also be required to follow the University calendar with respect to attendance at the University intern seminar. Interns are responsible for their own transportation to the PDS site.

To be eligible for the internship, students must:

1. Complete the written application for internship.
2. Complete 90 college credit credits including methods and at least eight courses of the academic major.
3. Have an overall GPA of at least 2.50 including transfer credit.
4. Have a minimum 2.75 GPA in the academic major including transfer credit as defined by the department.
5. Have a minimum 2.75 GPA in all professional education courses (with no grade below C) including transfer courses.
6. Provide two positive recommendations from faculty in the Education Specialties or Teacher Education departments and one positive recommendation from the major advisor.
7. Obtain verification of completion of requirements from the director of field experiences.

All secondary education majors are required to pass the following courses:

	Credits
SCED 462 ESOL Internship I - Elementary	6
SCED 463 ESOL Internship II - Secondary	6
SCED 465 ESOL Internship - Seminar	3
(with a grade of C or better)	

All secondary/K-12 students in a program requiring Praxis II examinations for licensure must take the Maryland Praxis II tests for their content area prior to graduation.

Students may repeat education courses only once.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

ENVIRONMENTAL STUDIES

Department of Environmental Studies

Dr. Michael Lewis, Chair
410-543-8105

Environmental studies is an interdisciplinary major housed in the Fulton School of Liberal Arts. The major focuses on how the environment is defined and understood from the perspectives of the humanities, social sciences and natural sciences. Students learn to evaluate and respond comprehensively to environmental issues. Students are provided with the skills to analyze and think critically about environmental problems and solutions from a broad range of perspectives. This major emphasizes "lateral rigor" across the disciplines, instead of "vertical rigor" within a single discipline. Please note this is not an environmental science program.

The Bachelor of Arts in environmental studies requires a minimum of 120 credit hours of which 14 courses are requirements for the major. At least 30 of the 120 credits must be 300-400 level courses completed with grades of C or better. Students must also complete a minor in an area other than environmental studies. Courses taken to satisfy requirements for the major and the minor must be completed with a grade of C or better.

Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Core Requirements

Complete the following core requirements. Some of these courses may also meet General Education requirements.

	Credits
ENVR 102 Introduction to Sustainability	4
ENVR 205 Art, Nature, Culture	4
ENVR 210 Principles of Environmental Economics	4
ENVR 350 Topics in the Natural Sciences	4
ENVR 400 Contemporary Environmental Issues	1
ENVR 499 Environmental Senior Seminar	4

Complete at least one of the following:

	Credits
ENVR 305 Topics in the Humanities/Social Science	4
ENVR 315 Garbage and Everyday Life	4
ENVR 320 Environmental Justice	4
ENVR 325 Wilderness and Environmentalism	4
ENVR 349 Internal Study of Policy, Values and Environment	4

Complete at least one of the following:

	Credits
ENVR 350 Topics in the Natural Sciences	4
ENVR 353 Conservation and Biodiversity	4
ENVR 355 Wildlife Management and Field Techniques	4
ENVR 399 International Field Study of Resource Management and Sustainability	4

Complete the following:

BIOL 150/	
GEOG 150	Environmental Science: Concepts and Methods

Complete one of the following:

BIOL 210	Biology: Concepts and Methods	4
CHEM	General Education IVA Course	4
GEOG	General Education IVA Course	4
GEOL	General Education IVA Course	4

Environmental Electives

Choose at least three from the following:

	Credits
BIOL 310 Ecology	4
BIOL 398 International Topics in Ecology	4
CADR 403 Resolving Environmental Conflict	4
ECON 415 Environmental and Natural Resource Economics	3
ENGL 348 Nature in Literature	4
ENVR 460 Topics in Chesapeake Bay Studies	3-4
GEOG 319 Geographic Information Science	4
GEOG 325 Conservation and Resource Management	3
GEOG 417 Water Resources	3
HIST 392 Global Environmental History	4
PHIL 318 Environmental Responsibility	4
POSC 360 Environmental Policy	4
SOCI 390 Sociology of the Environment	4
ENVR XXX Course between ENVR 305-399	4

Environmental Experiences

Choose one course from the following:

	Credits
BIOL 399	International Field Studies3
BIOL 417	International Research in Biology.....4
ENVR 200	Environmental Studies in the Amazon3
ENVR 480	Internship in Environmental Studies3-6
ENVR 485	Directed Study in Environmental Studies3-4
ENVR 486	Directed Research in Environmental Studies3-4
ENVR 490	Senior Thesis in Environmental Studies4
ENVR 495	Environmental Field Studies3-4
XXXX XXX	Approved Research Course3-4

Minor Requirement

Complete a minor in an area other than environmental studies.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

FRENCH

Department of Modern Languages and Intercultural Studies

Dr. Claire Kew, Chair
410-543-6038

A major in French consists of 10 classes distributed as follows:

1. Complete five courses from the following:

	Credits
FREN 201 Intermediate French	4
FREN 202 Intermediate and Applied French	4
FREN 310 French Grammar and Composition	4
or	
FREN 312 French Conversation	4
FREN 316 Francophone Culture and Civilization I	4
or	
FREN 317 Francophone Culture and Civilization II	4
FREN 325 Francophone Culture through Literature	4
or	
FREN 350 Masterpieces of French Literature I	4
or	
FREN 351 Masterpieces of French Literature II	4

2. Complete five additional courses from the following:

	Credits
FREN 290 Intermediate Francophone Topics	4
FREN 300 Francophone Topics	4
FREN 310 French Grammar and Composition	4
FREN 312 French Conversation	4
FREN 316 Francophone Culture and Civilization I	4
FREN 317 Francophone Culture and Civilization II	4
FREN 325 Francophone Culture through Literature	4
FREN 350 Masterpieces of French Literature I	4
FREN 351 Masterpieces of French Literature II	4
FREN 403 Advanced Composition and Conversation with Media	4
FREN 410 Advanced Francophone Topics	4

3. Earn grades of C or better in major courses.

4. Earn three academic credits via a department-approved study abroad program. (Questions regarding the fulfillment of this requirement should be directed to your advisor or department chair.)

Transfer students wishing to complete a French major must complete at least four major courses at Salisbury University with minimum grades of C.

The language major may be combined with study in other areas to enhance career opportunities. The department will advise students in planning an academic program to meet individual interests and career objectives.

Teacher Certification

Complete the requirements for the French major and the following requirements.

► Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

► Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 376 World Language and Reading Methods in the Middle and High School Part I	4
SCED 476 World Language and Reading Methods in the Middle and High School Part II	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2
(with a grade of C or better)	

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. French secondary students must pass the Maryland Praxis content tests or the ACTFL Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WTP) in French. See education advisor regarding appropriate tests and passing scores.

General Information

► Placement Exams and Credits

The Department of Modern Languages and Intercultural Studies awards and recognizes credit through examination in French, German and Spanish. Any student officially enrolled at Salisbury University may be granted credits through the Advanced Placement (AP) exam or CLEP exam.

Departmental placement exams in French, German and Spanish are available. All students who have not earned university academic credit in a language, either through the AP, CLEP or a credit-bearing course, are encouraged to take the departmental placement exam in that language to assist in determining proper initial placement level.

Students who have not yet earned university academic credit in a language may purchase credit for courses below the level of the first course in that language completed for credit with a grade of C or better. Credits for courses below the level of the first course completed for credit with a grade of C or better may be purchased at the current rate posted at the cashier's office.

A maximum of two courses granted by exam or purchased through completing an advanced first course in a language may be applied to either a minor or major in that language. A maximum of three courses may be earned by exam or purchased through completion of an advanced first course in a language.

► Challenge Exams

Any student officially enrolled at Salisbury University may purchase credits through a challenge exam. Credits may not be purchased through a challenge exam for a course below the student's established level of proficiency. Conversation courses are not available for challenge exam credit.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

HISTORY

Department of History

Dr. Emily Story, Chair
410-543-6245

Students must complete 10 courses in history with a minimum GPA of C. Five of these courses must be at the 300-/400-level, including the proseminar course (C or better) and one non-U.S., non-European course. Additionally, three satisfactory research papers must be registered in the department. Graduate school candidates are encouraged to develop a reading proficiency in at least one foreign language.

Transfer students majoring in history must complete a minimum of 15 semester hours with a C average in history at Salisbury University.

Course requirements include the following:

1. Complete five core courses:

	Credits
HIST 101 World Civilizations	4
HIST 102 World Civilizations	4
HIST 201 History of the U.S. I	4
HIST 202 History of the U.S. II	4
HIST 330 Proseminar in History (C or better)	4

2. Choose one non-U.S./non-European course:

	Credits
HIST 318 History of the Ancient Near East	4
HIST 332 Modern Mexico	4
HIST 333 Modern Brazil	4
HIST 334 Colonial Latin America	4
HIST 335 Modern Latin America 1800-Present	4
HIST 340 History of Africa to 1870	4
HIST 341 History of Africa: 1870 to Present	4
HIST 342 History of India to 1857	4
HIST 343 History of India: 1857 to Present	4
HIST 350 The Middle East to 1800	4
HIST 355 The Middle East Since 1800	4
HIST 362 Chinese Civilization	4
HIST 363 Japanese Civilization	4
HIST 364 Modern Japan	4
HIST 460 History of China Since 1800	4
HIST 465 Mongol Warlords	4
HIST 474 History of Ancient Egypt	4
HIST 484 Seminar in Latin American History	4
HIST 490* Studies in History	4

* upon approval of chair

3. Complete four courses in history (three of which must be at the 300/400 level).
4. Register with the department three satisfactory research papers completed in 300-/400-level history courses.
5. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Teacher Certification

Students seeking certification to teach history in secondary schools must fulfill all requirements for the history major and must take the following to fulfill General Education requirements:

	Credits
POSC 101 Introduction to Politics and Government	4
(General Education IIIB)	
GEOG 101 World Geography: Europe and Asia	3
or	
GEOG 102 World Geography: African and America	3
General Education IIIC)	

Students must complete the following elective(s):

	Credits
ECON 150 Principles of Economics	3
or	
ECON 211* Micro-Economics Principles	3
and	
ECON 212* Macroeconomics Principles	3

* Please Note: Social studies minors are required to take ECON 211 and 212.

For certification to teach in other social science areas, students should consult the History Department advisor.

Complete the following requirements.

► Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

► Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 372 Social Studies and Reading Methods in the Middle and High School Part I	4
SCED 472 Social Studies and Reading Methods in the Middle and High School Part II	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2
(with a grade of C or better)	

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

General Information

► Nabb Center, History Club

Students interested in more detailed information regarding either a major or a minor in history should contact the department. Students may not use courses to satisfy requirements both in the minor and in the major.

All students are encouraged to use the rich resources of the Nabb Research Center for Delmarva History and Culture, which enables intensive study in local history, family history, archaeology and folklore.

The History Department sponsors an active history social club which undertakes educational trips to historic sites and takes part in numerous collegial activities on campus.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

INTERDISCIPLINARY STUDIES

Dr. Darrell Newton, Major Coordinator
410-677-5060

The Fulton School of Liberal Arts offers a major in interdisciplinary studies leading to the Bachelor of Arts or Bachelor of Science. The major accommodates students who wish to develop programs of study in two or more disciplines or create a major in an area of study not offered by any traditional major at SU. This program allows students to create an individual and flexible major that is best suited to their interests or career goals. Most importantly, this program gives students the opportunity to integrate information across disciplines to help gain a more complete understanding of the chosen area of study.

Students may select to complete the interdisciplinary studies major through individually designed tracks or through approved tracks.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

Individually Designed Tracks

Catherine Jackson, Program Coordinator
410-677-5046

Students wishing to major in interdisciplinary studies using two or three traditional disciplines should contact the interdisciplinary studies major coordinator, who will coordinate the development of the student's proposed program of study. The student will also meet with designated representatives of their chosen areas of study to discuss and develop a selection of courses that best fits the goals of the student. The student must follow these guidelines in order to complete an approved program:

1. Students must complete a minimum of 30 semester hours in 300-/400-level courses from an approved program, including IDIS 335: Fundamentals of Interdisciplinary Studies and IDIS 435: Interdisciplinary Research Seminar, with grades of C or better
2. A minimum of 15 hours of upper-division work with C or better grades must be completed at Salisbury University.
3. Students select two-three subject areas from traditional University disciplines. An example of a program would be combining courses from biology and psychology for a student interested in neuroscience.
4. The program proposal must include a rationale for the cohesion of the areas of study and describe any potential career goals suitable for the program proposal. Program proposals should list any lower-division prerequisites to the courses chosen for the interdisciplinary studies major. Program proposals must be approved by designated representatives from the chosen subject areas before final approval is given by the coordinator of interdisciplinary studies.
5. Upper-division courses (300/400 level) completed prior to receiving program approval may or may not be used for the interdisciplinary studies major, and no more than 18 such hours may be credited toward the major.

6. No more than two of the courses used to meet the interdisciplinary studies major may be used to meet minor or other major requirements.
7. For those seeking a B.A., demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)
8. Any deviation from programs must be approved in writing by both the representative of the subject area and the major coordinator of interdisciplinary studies.

American Studies Track

Dr. Adam Wood, Program Coordinator
410-677-0153

Students majoring in interdisciplinary studies may choose a program in American studies. This track, drawing on courses and programs from across the Fulton School of Liberal Arts, offers students the opportunity to explore the history and unique nature of the "American experience" and the expression thereof via the lens of multiple disciplines. A solid core – which includes two courses in U.S. history, one in American literature, another in American government and an interdisciplinary research course in which students bring the various perspectives they have studied together via mentored research projects – anchors the track. While additional courses, chosen from a wide range of offerings in arts/humanities, history, literature and social sciences, allow students to customize their exploration of all things American.

Requirements of the American studies track are as follows.

1. Complete the following six core courses with a grade of C or better:

		Credits
ENGL 380	American Literature I: Beginnings to 1860	4
or		
ENGL 381	American Literature II: 1860-Present	4
HIST 201	U.S. History Through 1865	4
HIST 202	U.S. History After 1865	4
IDIS 335	Fundamentals of Interdisciplinary Studies	4
IDIS 435	Interdisciplinary Research Seminar	4
POSC 110	American National Government	4
2. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)
3. Complete at least four other courses with a grade of C or better from the following categories. A minimum of one course must be taken from at least three of the four categories: arts/humanities, history, literature and social sciences. At least three courses must be from the 300/400 level.

Credits

► Arts/Humanities

ART 302	History of American Art: The Colonial Period to 1900	4
ART 303	History of American Art: The 20th Century	4
ART 305	Art Since 1945	4
CMAT 332	Media Criticism and Analysis	4
CMAT 334	The Mass Media in Society	4
CMAT 336	Cinema and Society	4
DANC 162	Creative Modern Dance I	4
DANC 262	Creative Modern Dance II	4
DANC 268	Musical Theatre Dance	4
MUSC 221	Blues: Roots of Rock and Roll	4
MUSC 222	Popular Music After 1945	4
PHIL 321	Race and Ethnicity	4

► History

HIST 250	America in the 1970s	4
HIST 301	History of American Buildings	4
HIST 302	Colonial and Revolutionary America (1607-1783)	4
HIST 306	The Emergence of a New Nation: U.S. (1789-1860)	4
HIST 308	Sectional Conflict and Civil War	4
HIST 309	Reconstruction and Gilded Age	4
HIST 375	Topics in American Studies	4
HIST 376	Violence and Nonviolence in America	4
HIST 377	Women in Early American History	4
HIST 378	Women in Modern America	4
HIST 380	The American Military Experience	4
HIST 382	American Religious History	4
HIST 384	Native American History	4
HIST 386	Wilderness and U.S. Culture, 1492-Present	4
HIST 387	Racism and Discrimination	4
HIST 388	Civil Rights in American History	4
HIST 389	U.S. Environmental History	4
HIST 395	Material Culture Studies in American History	4
HIST 405	History of U.S. Foreign Relations	4
HIST 406	The United States in the 20th Century I	4
HIST 407	The United States in the 20th Century II	4
HIST 408	The Westward Movement	4
HIST 412	History of the South	4
HIST 413	Social and Cultural History of the United States I	4
HIST 414	Social and Cultural History of the United States II	4
HIST 438	America in the Great Depression	4
HIST 440	Minority Groups in United States History	4
HIST 444	African-American History to 1865	4
HIST 445	African-American History from 1865	4
HIST 446	Readings in African-American History	4
HIST 453	The Cold War: A Global History	4

► Literature

ENGL 255	African-American Short Story	4
ENGL 348	Nature in Literature	4
ENGL 370	Latina/o Literature	4
ENGL 371	Topics in Latina/o Literature	4
ENGL 378	Literature of the African Diaspora	4
ENGL 379	Literature of the Harlem Renaissance	4
ENGL 380	American Literature I: Beginnings to 1860	4
ENGL 381	American Literature II: 1860-Present	4
ENGL 382	African-American Literature I	4
ENGL 383	African-American Literature II	4
ENGL 384	Native American Literature	4
ENGL 385	Ethnic Literature in the United States	4
ENGL 386	American Women Writers of Color	4
ENGL 387	Literature of the American West: 1820-Present	4
ENGL 388	American Drama	4
ENGL 389	Topics in Native American Literature	4
ENGL 410	Individual Authors (when focused on an American author)	4
ENGL 480	Colonial American Literature	4
ENGL 481	The American Renaissance	4
ENGL 482	American Realism and Naturalism (1865-1925)	4
ENGL 483	American Southern Writers: Modern to Present	4
ENGL 484	American Novel I: Beginnings to 1900	4
ENGL 485	American Novel II: 1900 to the Present	4
ENGL 488	Contemporary Trends in American Literature	4

► Social Sciences

ENVR 205	Art, Nature, Culture	4
ENVR 210	Principles of Environmental Economics	4
POSC 230	Judicial Process and Politics	4
POSC 301	Political Parties and Pressure Groups	4
POSC 315	The Presidency in American Politics	4
POSC 330	American Constitutional Development	4
POSC 360	Environmental Policy	4
POSC 430	The Congress in American Politics	4
SOCI 331	Racial and Cultural Minorities	4
SOCI 339	Immigration	4

Anthropology Track

Dr. Elizabeth Ragan, Program Coordinator
410-548-4502

Students majoring in interdisciplinary studies may choose a program in anthropology, administered by the History Department, offering subdisciplines in prehistory/archaeology, cultural anthropology, linguistic anthropology and biological anthropology. Anthropology examines empirical evidence for human evolution; the diversity of cultures, especially in small-scale societies; the relationship between language and culture; and the accumulated archaeological record of prehistoric and historic societies.

Students interested in the interdisciplinary studies anthropology track should consult with the coordinator of anthropology. Requirements for the track include the following:

1. Complete a minimum of 10 courses with at least four in approved 300/400-level, anthropology-related courses with grades of C or better.
2. Complete the following core courses:

		Credits
ANTH 100	Cultural Anthropology and Linguistics	4
ANTH 102	Biological Anthropology and Archaeology	4
ANTH 201	Cultural Anthropology Survey	4
or		
ANTH 202	Archaeology Survey	4
ANTH 301	Cultural Anthropological Method and Theory	4
or		
ANTH 302	Archaeological Method and Theory	4
ANTH 459	Seminar in Anthropology	4
ANTH 497	Undergraduate Research	4

Four additional courses may be drawn from anthropology and collateral areas including the following:

		Credits
ANTH 200	Topics in Anthropology	4
ANTH 201*	Cultural Anthropology Survey	4
ANTH 202*	Archaeology Survey	4
ANTH 215	Religion, Magic and Witchcraft	4
ANTH 400	Individual Directed Study	4
ANTH 410	Archaeological Field Methods	6
BIOL 215	Human Anatomy and Physiology I	4
CMAT 300	Intercultural Communication	4
ENGL 240	Introduction to the Study of Language	4
GEOG 101	World Geography: Europe and Asia	3
GEOG 102	World Geography: Africa and Americas	3
GEOG 105	Introduction to Physical Geography	4
GEOL 103	Introduction to Physical Geology	4
HIST 395	Material Culture Studies in American History	4
HIST 472	Studies in Classical Archaeology	4
HIST 473	Roman Archaeology	4
HIST 475	Greek Archaeology	4
HIST 480	Museum Studies	4
POSC 210	Introduction to International Relations	4
SOCI 210	Introduction to Global Sociology	4

* if not used to fulfill core requirements

► Additional Requirements

To complete the interdisciplinary studies major, 30 credits must be completed at the 300 or 400 level with grades of C or better. The courses above may be used to meet this requirement. Other courses must be approved by the departmental chair.

Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Ethnic and Intercultural Studies Track

Dr. James King, Program Coordinator
410-677-0154

Students majoring in interdisciplinary studies may choose a program in ethnic and intercultural studies. The Ethnic and Intercultural Studies Track is intended for any student interested in ethnic studies, area studies or comparative studies. The track options offer a variety of courses in three substantive areas: United States Minorities Option consists of courses that emphasize ethnic and minority relations in the United States only. The Cultural Area Studies Option contains courses that focus on a limited geographic area and its culture. The Intercultural and Comparative Culture Studies Option contains courses that are expressly either comparative and/or global in scope.

Students interested in the Ethnic and Intercultural Studies Track should consult with the coordinator of ethnic and intercultural studies. Students must complete 10 courses from the following with a minimum of eight courses at the 300/400 level with grades C or better in all courses. Nor more than three courses from one department may be used to complete the track.

► Core Requirements

Complete four courses from the following, select two courses from Group 1 and one course from Groups 2 and 3.

Group 1:

	Credits
CMAT 300 Intercultural Communication.....	4
ENGL 433 Language and Culture	4
PHIL 209 Philosophy and Culture	4
PSYC 410 Multicultural Issues in Psychology	4

Group 2:

SOCI 250 Race Relations in Global Perspective	4
SOCI 331 Racial and Cultural Minorities.....	4

Group 3:

HIST 387 Racism and Discrimination.....	4
HIST 440 Minority Groups in United States History	4

Demonstrate 102-level proficiency in a foreign language.
(Details for fulfilling the requirement are found in Appendix E.)

► Track Options Requirement

Complete at least six courses from the courses listed below. Select six courses from one option or select six courses in the sections listed for a more general major. Courses selected to complete the core may not be used to complete the option requirements. However, courses not selected to complete the core requirements may be used to complete the option requirements. Special topics courses that address the goals of the major may be eligible for major credit with approval by the ethnic and intercultural studies coordinator.

	Credits
United States Minorities	
ENGL 338 Literature of the Queer	4
ENGL 382 African-American Literature I	4
ENGL 383 African-American Literature II.....	4
ENGL 384 Native American Literature	4
ENGL 385 Ethnic Literature in the United States.....	4
HIST 440 * Minority Groups in United States History	4

HIST 445 African-American History	4
HIST 446 Readings in African-American History	4
POSC 450 Civil Rights and Liberties	4
SOCI 320 Social Movements	4
SOCI 331 * Racial and Cultural Minorities.....	4

* if not taken to fulfill core requirements

Cultural Area Studies

ENGL 365 Literature of the Global South	4
FREN 316 Francophone Culture and Civilization	4
FREN 317 Francophone Culture and Civilization II.....	4
FREN 350 Masterpieces of French Literature I	4
FREN 351 Masterpieces of French Literature II	4
GEOG 310 Regional Geography of Europe	3
GERM 350 German Short Story	4
HIST 332 Modern Mexico	4
HIST 334 Colonial Latin America	4
HIST 340 History of Africa to 1870	4
HIST 341 History of Africa 1870-Present	4
HIST 350 The Middle East to 1800	4
HIST 355 The Middle East Since 1800	4
HIST 362 Chinese Civilization	4
HIST 460 History of China Since 1800.....	4
PHIL 312 Introduction to Asian Philosophy	4
POSC 211 Comparative Politics of Latin America	4
POSC 310 Comparative European Government	4
POSC 311 Comparative Government of Developing Nations	4
POSC 417 Russia and the Soviet Union	4
SPAN 315 Spanish Culture and Civilization	4
SPAN 316 Latin American Culture and Civilization	4
SPAN 322 Spanish for Business	4
SPAN 330 Topics in Hispanic Literature in Translation	4
SPAN 335 Survey of Spanish Literature	4
SPAN 336 Survey of Latin American Literature	4
SPAN 403 Hispanic Culture through Literature	4

Intercultural and Comparative Cultural Studies

CMAT 300 * Intercultural Communication.....	4
ENGL 366 World Mythology.....	4
ENGL 433 * Language and Culture	4
ENGL 438 Bilingualism	4
HIST 327 Habsburg Empire, 1740-1918	4
HIST 387 * Racism and Discrimination	4
PHIL 325 Philosophy of Religion	4
POSC 313 Comparative Politics of the Middle East.....	4
PSYC 410 * Multicultural Issues in Psychology	4
SOCI 318 Sociology of Religion	4

* if not taken to fulfill core requirement

Eligibility of topics courses, studies courses or language courses not listed above will be determined through review of syllabi by the ethnic and intercultural studies coordinator at the request of students and/or faculty.

Gender and Sexuality Studies Track

Dr. Kara French, Program Coordinator
410-548-3538

Students majoring in interdisciplinary studies may choose a track in gender studies. This track investigates how gender identities have developed over time and how women's and men's roles have been produced and shaped by social institutions, such as politics, religion, family, sexuality, media and arts. It will examine how our present day notions of femininity, masculinity, womanhood and manhood have developed and changed and how gender shapes past and present day social roles, behavior and culture.

Students interested in this track should consult the coordinator of gender studies. Requirements for the track include the following:

- Students must complete nine courses in at least four disciplines with grades of C or better from the following:

	Credits
ART 335 Women in Art	4
CMAT 304 Communication, Gender and Culture.....	4
CMAT 405 Family Communication.....	4
CMAT 490 Communications Seminar	4
	(approved topics)
ENGL 300 Studies in English (approved topics)	4
ENGL 338 Literature of the Queer.....	4
ENGL 342 Women in Literature	4
ENGL 386 American Women Writers of Color	4
ENGL 461 Feminist Literature and Theory	4
HIST/	
GSST 213 Introduction to Gender and Sexuality Studies	4
HIST 375 Topics in American Studies	4
	(approved topics)
HIST 377 Women in Early American History	4
HIST 378 Women in Modern America	4
HIST 490 Studies in History	4
	(approved topics)
PHIL 310 Philosophical Topics	4
	(approved topics)
PHIL 316 Philosophy and Feminism	4
POSC 205 Women in Politics	4
PSYC 325 Psychology of Sexuality	4
PSYC 334 Psychology of Women	4
SOCI 301 Studies in Sociology	4
	(approved topics)
SOCI 314 Sociology of Gender.....	4
SOCI 325 Sexuality, Alternatives and Society.....	4
SOCI 363 Women and Development	4
XXXX XXX Independent Study with advisor approval	4

- Complete the Capstone Seminar (spring only):

	Credits
GSST 485 Gender and Sexuality Studies Capstone Seminar	4

- Demonstrate 102-level proficiency in a foreign language.
(Details for fulfilling the requirement are found in Appendix E.)

INTERNATIONAL STUDIES

Department of Political Science

Dr. Taehyun Nam, Program Coordinator
410-677-5360

Students majoring in international studies must complete a three-course interdisciplinary core requirement and eight courses in one of three areas of concentration within the major—international relations, global cultural studies or international political economy. The first two concentrations include a two-course regional specialization. A foreign academic experience is also required, and all majors must demonstrate mid-level proficiency in a non-English language. All courses in the major must be completed with grades of C or better.

► Core (three courses)

- Complete the following:

	Credits
POSC 210 Introduction to International Relations	4

- Complete one course from the following:

	Credits
ECON 212 Macro-Economic Principles	3
(Required for IPC concentration)	
(Prerequisite ECON 211)	
or	
ECON 150 Principles of Economics	3

- Complete one course from the following:

	Credits
ANTH 100 Cultural Anthropology and Linguistics	4
GEOG 101 World Geography: Europe and Asia.....	3

GEOG 102 World Geography: Africa and the Americas	3
GEOG 203 Economic Geography	3
SOCI 250 Race Relations in Global Perspective	4

► Foreign Academic Experience

Students must take a minimum of three credits of foreign academic experience approved by the international studies advisor. Students must spend a minimum of three weeks abroad in the foreign academic experience. The credits may be from internships at foreign institutions, academic study for credit at foreign institutions, academic courses offered by SU at foreign locations, or travel abroad courses based at SU or other universities. Travel abroad courses at SU include, but are not limited to, ACCT 430: Accounting in its Global Setting, ART 399: International Field Study, BUAD 386: Business in its Global Setting, CMAT 399: International Studies in Communication; ENGL 399: International Studies in Literature, ENVR 495: Environmental Field Studies; GEOG 399: International Field Study, HIST 399: International Field Study, MDPL 399: International Field Study or POSC 390: International Field Study.

► Language Requirement

Students must demonstrate mid-level proficiency in a non-English language by completing a 202-level language course with a grade of C or better or by scoring above 202-level on a placement test.

► Concentrations

Eight courses beyond the core must be taken within one of three concentrations: international relations, global cultural studies or international political economy. At least five courses must be taken at the 300-400 level.

International Relations Concentration

Select eight courses in at least three different disciplines, to include at least two courses each from Groups One, Two and Three. The remaining two courses may be taken from any of the four groups. At least five courses must be taken at the 300-400 level.

This concentration requires a two-course regional specialization. Regional specializations include Europe, Russia/Central Europe, Africa, Asia, Latin America and the Middle East (see below for courses). The regional concentration course may be taken from courses used to satisfy the other concentration requirements and is a non-additive requirements.

Group One: Fundamental and Theoretical Approaches to International Politics - two courses

	Credits
CADR 301 International Conflict and Conflict Resolution	4
POSC 408 Political Violence and Terrorism	4
POSC 409 Causes of War	4
POSC 411 International Law	4
POSC 413 International Political Economy	4
POSC 415 The United Nations System	4
SOCI 210 Introduction to Global Sociology.....	4

Group Two: International and Comparative Politics of States and Regions - two courses

	Credits
POSC 211 Comparative Politics of Latin America	4
POSC 213 War and Peace in the Middle East.....	4
POSC 215 American Foreign Policy	4
POSC 220 Comparative Politics of East Asia	4
POSC 310 Comparative European Government	4
POSC 311 Comparative Government of Developing Nations	4

POSC 313	Comparative Politics of the Middle East.....	4
POSC 417	Russia and the Soviet Union	4
POSC 420	Politics in China	4

Group Three: Historical, Geographic and Economic Context - two courses

		Credits
ECON 411	Economic Development	3
	(prerequisites: ECON 211 and 212, MATH 160 or 201)	
ECON 441	International Economics	3
	(prerequisites: ECON 211 and 212, MATH 155)	
GEOG 101	World Geography: Europe and Asia	3
or	(if not taken for core credit)	
GEOG 102	World Geography: Africa and the Americas	3
	(if not taken for core credit)	
GEOG 203	Economic Geography	3
	(if not taken for core credit)	
GEOG 301	World Regions	3
GEOG 310	Regional Geography of Europe	3
GEOG 327	Political Geography	3
	(prerequisite: GEOG 100, 101, 102 or 203)	
HIST 224	Hitler and the Third Reich	4
HIST 225	Holocaust: The Extermination of the European Jews	4
HIST 312	History of Ireland in Modern Times	4
HIST 323	Europe in the 19th Century	4
HIST 324	German History Since 1815	4
HIST 332	Modern Mexico	4
HIST 335	Modern Latin America 1800-Present	4
HIST 341	History of Africa: 1870 to Present	4
HIST 343	History of India: 1857 to Present	4
HIST 355	Middle East Since 1800	4
HIST 364	Modern Japan	4
HIST 401	U.S. Foreign Relations	4
HIST 421	Europe in the 20th Century World	4
HIST 424	Modern Russia	4
HIST 451	World War I	4
HIST 452	The Second World War: A Global History	4
HIST 453	The Cold War: A Global History	4
HIST 460	History of China Since 1800	4

Group Four: Social and Cultural Context (for electives and regional specialization)

		Credits
ANTH 100	Cultural Anthropology and Linguistics	4
	(if not taken for core credit)	
ANTH 201	Cultural Anthropology Survey	4
CADR 225*	Sociology of Conflict and Nonviolence	4
CADR 302	Cross Cultural Conflict Analysis and Intervention	4
CMAT 300	Intercultural Communication	4
CMAT 337	International Media Systems	4
ENGL 317	German Short Stories	4
ENGL 365	Literature of the Global South	4
ENGL 404	International Cinema	4
ENGL 433	Language and Culture	4
FREN 316	Francophone Culture and Civilization I	4
FREN 317	Francophone Culture and Civilization II	4
FREN 325	Francophone Culture Through Literature	4
FREN 350	Masterpieces of French Literature I	4
FREN 351	Masterpieces of French Literature II	4
FREN 410	Francophone Topics	4
GERM 350	German Short Stories	4
HIST 210	Introduction to World Religions	4
MDFL 245	The German People	4
MDFL 246	The Russian People	4
MDFL 248	Studies in Contemporary Cultures	4
PHIL 209	Philosophy and Culture	4
PHIL 301	Violence and Nonviolence	4
SOCI 225*	Sociology of Conflict and Nonviolence	4
SOCI 250	Race Relations in Global Perspective	4
	(if not taken for core credit)	
SOCI 319	Globalization and Social Change	4
SOCI 363	Women and Development	4
SPAN 315	Spanish Culture and Civilization	4
SPAN 316	Latin American Culture and Civilization	4
SPAN 330	Topics in Hispanic Literature in Translation	4
SPAN 335	Survey of Spanish Literature	4
SPAN 336	Survey of Latin American Literature	4
SPAN 403	Hispanic Culture Through Literature	4

*Cannot receive credit for both CADR 225 and SOCI 225.

Global Cultural Studies Concentration

Select eight courses in the concentration from at least three disciplines, with three courses from at least two disciplines in Group One, two courses each from Groups Two and Three, and one course from Group Four. At least five courses must be taken at the 300-400 level.

Students must have a two-course regional specialization. Regional specializations include Europe, Russia/Central Europe, Africa, Asia, Latin America and the Middle East (see below for courses). The regional concentration may be taken from courses used to satisfy the other concentration requirements and constitutes a non-additive requirement.

Group One: General Approaches to Understanding Culture - three courses from at least two disciplines

		Credits
ANTH 100	Cultural Anthropology and Linguistics	4
	(if not taken for core credit)	
ANTH 201	Cultural Anthropology Survey	4
CADR 302	Crosscultural Conflict Analysis and Intervention	4
CMAT 300*	Intercultural Communication	4
CMAT 337*	International Media Systems	4
ENGL 433	Language and Culture	4
GEOG 202	Cultural Geography	3
HIST 210	Introduction to World Religions	4
IDIS 250	Comparative Religions	4
PHIL 209	Philosophy and Culture	4
SOCI 250	Race Relations in Global Perspective	4
	(if not taken for core credit)	

*CMAT courses have prerequisites.

Group Two: Looking at Cultures Through the Humanities - two courses

		Credits
ENGL 317	German Short Stories	4
ENGL 365	Literature of the Global South	4
ENGL 404	International Cinema	4
FREN 316	Francophone Culture and Civilization I	4
FREN 317	Francophone Culture and Civilization II	4
FREN 325	Francophone Culture Through Literature	4
FREN 350	Masterpieces of French Literature I	4
FREN 351	Masterpieces of French Literature II	4
FREN 410	Francophone Topics	4
GERM 350	German Short Stories	4
MDFL 245	The German People	4
MDFL 246	The Russian People	4
MDFL 248	Studies in Contemporary Cultures	4
MUSC 220	Introduction to Music of the World	4
PHIL 312	Introduction to Asian Philosophy	4
PHIL 323	Buddhist Philosophy	4
PHIL 324	Topics in Asian Philosophy	4
POSC 399	Honors Interdisciplinary	4
SPAN 315	Spanish Culture and Civilization	4
SPAN 316	Latin American Culture and Civilization	4
SPAN 330	Topics in Hispanic Literature in Translation	4
SPAN 335	Survey of Spanish Literature	4
SPAN 336	Survey of Latin American Literature	4
SPAN 403	Hispanic Culture Through Literature	4

Group Three: Geographic, Historical and Political Contexts - two courses

		Credits
CADR 301	International Conflict and Conflict Resolution	4
GEOG 101	World Geography: Europe and Asia	3
	(if not taken for core credit)	
or		
GEOG 102	World Geography: Africa and the Americas	3
	(if not taken for core credit)	
or		
GEOG 203	Economic Geography	3
	(if not taken for core credit)	
GEOG 310	Regional Geography of Europe	3
GEOG 327	Political Geography	3
HIST 210	Introduction to World Religions	4
HIST 224	Hitler and the Third Reich	4
HIST 312	History of Ireland in Modern Times	4
HIST 324	German History Since 1815	4

HIST 332	Modern Mexico	4
HIST 335	Modern Latin America 1800-Present	4
HIST 341	History of Africa: 1870 to Present	4
HIST 343	History of India: 1857 to Present	4
HIST 355	The Middle East Since 1800	4
HIST 364	Modern Japan	4
HIST 392	Global Environmental History	4
HIST 421	Europe in the 20th Century World	4
HIST 424	Modern Russia	4
HIST 453	The Cold War: A Global History	4
HIST 460	China Since 1800	4
POSC 211	Comparative Politics of Latin America	4
POSC 220	Comparative Politics of East Asia	4
POSC 310	Comparative European Government	4
POSC 313	Comparative Politics of the Middle East	4
POSC 408	Political Violence and Terrorism	4
POSC 411	International Law	4
POSC 415	The United Nations System	4
POSC 417	Russia and the Soviet Union	4
POSC 420	Politics in China	4

Group Four: Issues in Political, Economic and Social Development - one course

		Credits
ECON 411	Economic Development	3
	(prerequisites: ECON 211 and 212, MATH 160 or 201)	
POSC 311	Comparative Government of Developing Nations	4
POSC 413	International Political Economy	4
SOCI 210	Introduction to Global Sociology	4
SOCI 319	Globalization and Social Change	4
SOCI 322	Population Studies	4
SOCI 363	Women and Development	4

International Political Economy Concentration

Select eight courses from at least three different disciplines, including ECON 211 and ECON 441 and two other courses in Group One; POSC 413 and one other course in Group Two; and two courses from Group Three. Students taking the IPE concentration must take ECON 212 in the core instead of ECON 150. At least five courses must be taken at the 300-400 level.

Group One: Economics - four courses*

		Credits
Required courses:		
ECON 211	Micro-Economic Principles	3
ECON 441	International Economics	3
Select two other courses:		
ECON 305	Intermediate Macro-Theory	3
ECON 306	Intermediate Micro-Theory	3
ECON 402	Comparative Economic Systems	3
ECON 403	Monetary Policy and the U.S. Economy	3
ECON 411	Economic Development	3

*Please check for prerequisites. All ECON courses have specific prerequisites.

Group Two: Global Political Institutions and Political Economy - two courses

		Credits
Required course:		
POSC 413	International Political Economy	4
Select one other course:		
POSC 311	Comparative Government of Developing Nations	4
POSC 415	The United Nations System	4
SOCI 210	Introduction to Global Sociology	4

Group Three: Historical, Political, Cultural and Geographic Settings - two courses

		Credits
ANTH 100	Cultural Anthropology and Linguistics	4
	(if not taken for core credit)	
ANTH 201	Cultural Anthropology Survey	4
CADR 301	International Conflict and Conflict Resolution	4
CADR 302	Crosscultural Conflict Analysis and Intervention	4
CMAT 337*	International Media Systems	4
ENGL 317	German Short Stories	4

ENGL 365	Literature of the Global South	4
ENGL 404	International Cinema	4
ENGL 433	Language and Culture	4
FREN 316	Francophone Culture and Civilization I	4
FREN 317	Francophone Culture and Civilization II	4
FREN 325	Francophone Culture Through Literature	4
FREN 350	Masterpieces of French Literature I	4
FREN 351	Masterpieces of French Literature II	4
FREN 410	Francophone Topics	4
GEOG 101	World Geography: Europe and Asia	3
	(if not taken for core credit)	
GEOG 102	World Geography: Africa and the Americas	3
	(if not taken for core credit)	
GEOG 203	Economic Geography	3
	(if not taken for core credit)	
GEOG 310	Regional Geography of Europe	3
GEOG 327*	Political Geography	3
GERM 350	German Short Stories	4
HIST 210	Introduction to World Religion	4
HIST 224	Hitler and the Third Reich	4
HIST 312	History of Ireland and Modern Times	4
HIST 324	German History Since 1815	4
HIST 332	Modern Mexico	4
HIST 335	Modern Latin America 1800-Present	4
HIST 341	History of Africa from 1800	4
HIST 343	History of India: 1857 to Present	4
HIST 355	The Middle East Since 1800	4
HIST 364	Modern Japan	4
HIST 392	Global Environmental History	4
HIST 421	Europe in the 20th Century	4
HIST 424	Modern Russia	4
HIST 453	The Cold War: A Global History	4
HIST 460	China Since 1800	4
MDFL 245	The German People	4
MDFL 246	The Russian People	4
MDFL 248	Studies in Contemporary Cultures	4
PHIL 312	Introduction to Asian Philosophy	4
POSC 211	Comparative Politics of Latin America	4
POSC 220	Comparative Politics of East Asia	4
POSC 310	Comparative European Government	4
POSC 313	Comparative Politics of the Middle East	4
POSC 408	Political Violence and Terrorism	4
POSC 411	International Law	4
POSC 417	Russia and the Soviet Union	4
POSC 420	Politics in China	4
SOCI 250	Race Relations in Global Perspective	4
	(if not taken for core credit)	
SOCI 319	Globalization and Social Change	4
SOCI 363	Women and Development	4
SPAN 315	Spanish Culture and Civilization	4
SPAN 316	Latin American Culture and Civilization	4
SPAN 330	Topics in Hispanic Literature in Translation	4
SPAN 335	Survey of Spanish Literature	4
SPAN 336	Survey of Latin American Literature	4
SPAN 403	Hispanic Culture Through Literature	4

*Please check for prerequisites.

Regional Specialization Courses

(For International Relations Concentration and Global Cultural Studies Concentration)

		Credits
Asia:		
ANTH 201	Cultural Anthropology Survey	4
	(where appropriate)	
GEOG 101	World Geography: Europe and Asia	3
HIST 343	History of India: 1857 to Present	4
HIST 362	Chinese Civilization	4
HIST 363	Japanese Civilization	4
HIST 364	Modern Japan	4
HIST 460	History of China Since 1800	4
PHIL 312	Introduction to Asian Philosophy	4
PHIL 323	Buddhist Philosophy	4
PHIL 324	Topics in Asian Philosophy	4
POSC 220	Comparative Politics of East Asia	4
POSC 420	Politics in China	4
Latin America:		
ANTH 201	Cultural Anthropology Survey	4
	(where appropriate)	
GEOG 102	World Geography: Africa and the Americas	3
HIST 332	Modern Mexico	4

HIST 335	Modern Latin America 1800-Present	4
POSC 211	Comparative Politics of Latin America	4
SPAN 316	Latin American Culture and Civilization	4
SPAN 330	Topics in Hispanic Literature in Translation	4
SPAN 336	Survey of Latin American Literature	4
SPAN 403	Hispanic Culture Through Literature	4

Africa:		
ANTH 201	Cultural Anthropology Survey (where appropriate)	4
GEOG 102	World Geography: Africa and the Americas	3
HIST 340	History of Africa to 1870	4
HIST 341	History of Africa: 1870 to Present	4

Europe:		
ANTH 201	Cultural Anthropology Survey (where appropriate)	4
ENGL 479	Contemporary Trends in British Literature	4
FREN 316	Francophone Culture and Civilization I	4
FREN 317	Francophone Culture and Civilization II	4
FREN 325	Francophone Culture Through Literature	4
FREN 350	Masterpieces of French Literature I	4
FREN 351	Masterpieces of French Literature II	4
FREN 410	Francophone Topics	4
GEOG 101	World Geography: Europe and Asia	3
GEOG 310	Regional Geography of Europe	3
GERM 350	German Short Stories	4
HIST 224	Hitler and the Third Reich	4
HIST 225	Holocaust: The Extermination of the European Jews	4
HIST 311	History of England and Great Britain, 1702 to the Present	4
HIST 312	History of Ireland in Modern Times	4
HIST 323	Europe in the 19th Century	4
HIST 324	German History Since 1815	4
HIST 325	History of European Revolutions Since 1815	4
HIST 421	Europe in the 20th Century	4
HIST 451	World War I	4
HIST 452	The Second World War: A Global History	4
MDFL 245	The German People	4
POSC 310	Comparative European Government	4
SPAN 309	Summer Program in Spain	4
SPAN 315	Spanish Culture and Civilization	4
SPAN 330	Topics in Hispanic Literature in Translation	4
SPAN 335	Survey of Spanish Literature	4
SPAN 403	Hispanic Culture Through Literature	4

Russia/Central Europe:		
ANTH 201	Cultural Anthropology Survey (where appropriate)	4
GEOG 310	Regional Geography of Europe	3
HIST 225	Holocaust: The Extermination of the European Jews	4
HIST 421	Europe in the 20th Century	4
HIST 424	Modern Russia	4
MDFL 246	The Russian People	4
POSC 399	Honors Interdisciplinary: Russian Politics Through Literature	4
POSC 417	Russia and the Soviet Union	4

Middle East:		
ANTH 201	Cultural Anthropology Survey (where appropriate)	4
HIST 355	The Middle East Since 1800	4
POSC 213	War and Peace in the Middle East	4
POSC 313	Comparative Politics of the Middle East	4

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

MUSIC

Department of Music, Theatre and Dance

Dr. William M. Folger, Co-Chair
410-543-6386

All students who wish to be admitted to the Bachelor of Arts in music program must successfully pass a music audition and take a theory advisory test. While some students may wish to complete these admission requirements prior to enrollment at Salisbury University and immediately be admitted into the music program, other students may choose to begin as pre-music majors while preparing to complete their admission requirements sometime during their first year of applied study at Salisbury University. Admission and audition guidelines and procedures are available from the Music, Theatre and Dance Department. The music program is accredited by the National Association of Schools of Music (NASM).

The Bachelor of Arts in music program is designed for students who wish to combine the study of music with other interests in a vibrant liberal arts environment. The program provides an extraordinarily broad range of study options, so that students enjoy the flexibility to pursue varied interests. In order that career choices are expanded and not limited, the degree program is divided into a menu of diverse study tracks.

Within the Bachelor of Arts in music program, students may pursue tracks in teacher certification, vocal or instrumental performance, music technology or a traditional ("general") Bachelor of Arts in music curriculum. While all five tracks are constructed to enable students to pursue graduate study, if desired, the immediate goals of the tracks differ according to the varied needs of the student population they serve.

All students (including transfer students) enrolled in the Bachelor of Arts in music programs must complete all music courses with grades of C or better and maintain a grade point average of 2.5 in these courses to remain in good standing with the program. Transfer students must perform all recitals required for the degree program at SU and pass the piano proficiency exam.

Students completing the major in the Teacher Certification Track must complete all music and education courses with grades of C or better and maintain a grade point average of 2.75 to remain in good standing with the program.

B.A. in Music Curriculum

1. Complete 26 credits of core courses:

MUSC 203	Theory I	3
MUSC 311	Music Perception I	1
MUSC 204	Theory II	3
MUSC 312	Music Perception II	1
MUSC 303	Theory III	3
MUSC 313	Music Perception III	1
MUSC 304	Theory IV	3
MUSC 314	Music Perception IV	1
MUSC 305	Music History I	3
MUSC 306	Music History II	3
MUSC 425	Form & Analysis	2
MUSA 205	Piano I	1
MUSA 206	Piano II	1
(MUSA 390.006: two semesters may be substituted for MUSA 205, 206 with instructor consent)		
Piano Proficiency Exam		0

2. Complete one of the following tracks: B.A. in Music - Traditional, B.A. in Music - Vocal Performance, B.A. in Music - Instrumental Performance, B.A. in Music- Music Technology or B.A. in Music - Teacher Certification.

Bachelor of Arts in Music - Traditional Track

The traditional Bachelor of Arts in music curriculum is designed to provide students with a broad-based knowledge of music that will prepare students for further study in music or in another career.

Complete the following requirements for a total of 52 hours:

- Complete four semesters of ensembles (four credit hours). Two semesters of MUSA 131 Accompanying is required of all keyboard majors. A minimum of two semesters must be in Orchestra (MUSA 105), Concert Band (MUSA 107) or University Chorale (MUSA 100). Appropriate ensemble placement is determined in consultation with academic advisor. For transfer students, all four semesters of ensemble credits (four credit hours) must be completed at SU.
- Complete six semesters (minimum) of applied music with jury exam after each semester:

		Credits
MUSA 138	Applied Music I	1
MUSA 139	Applied Music II	1
MUSA 238	Applied Music III	1
MUSA 239	Applied Music IV	1
MUSA 338	Applied Music V	1
MUSA 339	Applied Music VI	1
MUSA 391	Performance Class (must be taken in conjunction with each level of applied study)	0

- Complete the following:

MUSA 498	Senior Project	4
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- Complete 14 credits of music electives.
- Complete 24 credits of free electives (non-music); these free electives are not to duplicate General Education courses.
- Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Vocal Performance Track

This track is designed for students who aspire to careers in performance, whether as a soloist or as a member of a performance ensemble.

Complete the following requirements for a total of 52 hours:

- Complete eight semesters of large ensembles (eight credit hours). A minimum of four semesters must be in University Chorale (MUSA 100). Appropriate ensemble placement is determined in consultation with academic advisor. Transfer students must be enrolled in ensembles every semester while attending SU.
- Four semesters of small ensembles (four credit hours).
- Eight semesters of applied music with jury exam after each semester:

		Credits
MUSA 138	Applied Music I	2
MUSA 139	Applied Music II	2
MUSA 238	Applied Music III	2
MUSA 239	Applied Music IV	2
MUSA 338	Applied Music V	2
MUSA 339	Applied Music VI	2
MUSA 438	Applied Music VII	2
MUSA 439	Applied Music VIII	2
MUSA 391	Performance Class (must be taken in conjunction with each level of applied study)	0
	Junior Recital (half)	0
	Senior Recital (full)	0

4. Complete the following:

		Credits
MUSC 213	Singer's Diction I	1
MUSC 214	Singer's Diction II	1
MUSC 310	Conducting and Score Reading	1
MUSC 318	Wellness in Performance	3
MUSC 420	History of the Art Song	4
MUSC XXX	Approved Music Lit. or Theory Elective	3-4

5. Complete one foreign language course for General Education Group IIIA or IIIC requirements with a grade of C or better.

6. Complete a minimum of 10 credits of music electives.

Instrumental Performance Track

This track is designed for students who aspire to careers in performance, whether as concert soloists or as members of performance ensembles.

Complete the following requirements for a total of 52 hours:

- Complete eight semesters of large ensembles (eight credit hours). Two semesters of MUSA 131 Accompanying is required of all keyboard majors. A minimum of four semesters must be in either Orchestra (MUSA 105) or Concert Band (MUSA 107). Appropriate ensemble placement is determined in consultation with academic advisor. Transfer students must be enrolled in ensembles every semester while attending SU.
- Complete four semesters of small ensembles (four credit hours).
- Complete eight semesters of applied music with jury exam after each semester:

		Credits
MUSA 138	Applied Music I	2
MUSA 139	Applied Music II	2
MUSA 238	Applied Music III	2
MUSA 239	Applied Music IV	2
MUSA 338	Applied Music V	2
MUSA 339	Applied Music VI	2
MUSA 438	Applied Music VII	2
MUSA 439	Applied Music VIII	2
MUSA 391	Performance Class (must be taken in conjunction with each level of applied study)	0
	Junior Recital (half)	0
	Senior Recital (full)	0

4. Complete the following:

		Credits
MUSC 310	Conducting and Score Reading	1
MUSC 441	Instrumental Literature	4
or		
MUSC 403	History of the Piano/forte and Its Literature	4
MUSC 318	Wellness in Performance	3
MUSC XXX	Approved Music Lit. or Theory Elective	3-4

5. Complete a minimum of 12 credits of music electives.

6. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Music Technology Track

This track is designed to give students a basic foundation in music production in order to prepare them for a career within the music technology industry. This is a professional degree track that provides General Education as a foundation, coupled with a traditional music background and an emphasis in music production.

Students develop a well-rounded performance and music technology background that is ready for tomorrow's music industry. Topics studied include music recording, audio editing,

mixing and mastering, electronic music composition, music business, entrepreneurship, copyright issues, and musical performance through a variety of modern media. Although students gain skills as music technologists, the goals of this track include a comprehensive background in the study of traditional music, including theory, history, conducting, applied lessons and performance.

Complete the following requirements:

1. Complete seven semesters of ensembles (seven credit hours). Two semesters of MUSA 131 Accompanying is required of all keyboard majors. A minimum of four semesters must be in Orchestra (MUSA 105), Concert Band (MUSA 107) or University Chorale (MUSA 100). Appropriate ensemble placement is determined in consultation with academic advisor. Transfer students must be enrolled in ensembles every semester while attending SU.

2. Complete eight semesters of applied music with jury exam after each semester:

	Credits
MUSA 138 Applied Music I	2
MUSA 139 Applied Music II	2
MUSA 238 Applied Music III	2
MUSA 239 Applied Music IV	2
MUSA 338 Applied Music V	2
MUSA 339 Applied Music VI	2
MUSA 438 Applied Music VII	2
MUSA 439 Applied Music VIII	2
MUSA 391 Performance Class	0
(Must be taken in conjunction with each level of applied study)	

3. Complete the Music Technology Track core:

	Credits
MUMT 200 Introduction to the Music Business and Entrepreneurship	4
MUMT 234 Beginning Audio Production	4
MUMT 300 Ear Training for Recording Engineers	1
MUMT 354 Advanced Audio Production	4
MUMT 355 Topics in Audio Production	2
MUMT 356 Live Sound Production	1
MUMT 400 Music Acoustics	3
MUMT 495 Internship	4
MUMT 496 Music Technology Project	3
MUSC 202 Introduction to Music Technology	4

4. Complete the following requirements outside the program:

	Credits
ECON 150* Principles of Economics	3
MATH XXX* (Recommended MATH 135. Students may choose another MATH course to fulfill General Education requirement.)	3
MUSC 310 Conducting and Score Reading	1
PHYS 121* General Physics I	4
* May be used toward fulfilling General Education requirements.	

5. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Teacher Certification Track

The teacher certification program is designed for students who wish to pursue careers in music education in a classroom setting and seeks to equip students to meet certification requirements in the public schools. This is a Maryland state-approved comprehensive, K-12 degree program that prepares students to teach both choral and instrumental music. Students complete coursework through the Department of Music, Theatre and Dance and the Department of Education Specialties.

Complete the following requirements:

1. Complete seven semesters of ensembles (seven credit hours). Two semesters of MUSA 131 Accompanying is

required of all keyboard majors. A minimum of four semesters must be in Orchestra (MUSA 105), Concert Band (MUSA 107) or University Chorale (MUSA 100). The remaining semesters may be in any of the large ensembles listed above or Jazz Ensembles and Improvisation (MUSA 102) or Musical Theatre Workshop (MUSA 104).

Appropriate ensemble placement is determined in consultation with academic advisor. Transfer students must be enrolled in ensembles every semester while attending SU.

2. Seven semesters of applied music with jury exam after each semester:

	Credits
MUSA 138 Applied Music I	2
MUSA 139 Applied Music II	2
MUSA 238 Applied Music III	2
MUSA 239 Applied Music IV	2
MUSA 338 Applied Music V	2
MUSA 339 Applied Music VI	2
MUSA 438 Applied Music VII	2
MUSA 391 Performance Class	0
(must be taken in conjunction with each level of applied study)	
Senior Recital (half)	0

► Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better:

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on the Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Have completed four courses in the major field.
6. Pass Praxis Core or equivalents.
7. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

► Methods Requirements

1. All music education students must complete the following courses in education with grades of C or better:

	Credits
MUED 319 Technology in Music Education	1
ELED 309 Classroom Visitation	0
(corequisite with ELED 419)	
ELED 419 Teaching Music and Reading in the Elementary School	3
SCED 429 Teaching Music and Reading in the Middle and High School	4
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3

Music Methods:

MUSA 108 Voice (instrumental)	1
or	
MUSC 213 Singer's Diction I (voice)	1
and	
MUSC 214 Singer's Diction II (voice)	1
MUSC 308 Instrumental Methods	2
MUSC 309 Choral Techniques and Methods	2
MUSC 310 Conducting and Score Reading	1
MUSC 413 Advanced Conducting and Score Reading	2
MUSC 426 Arranging for Voices and Instruments	2

Instrumental Techniques:

MUSC 215 Woodwinds	1
MUSC 216 Percussion	1
MUSC 217 Strings	1
MUSC 218 Brass	1

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. All secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Directed Teaching and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100 day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for directed teaching:

1. Complete the written application for internship.
2. Complete 90 college credit credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall GPA of at least 2.50 including transfer credit.
4. Have a minimum 2.75 GPA in the academic major including transfer credit.
5. Have a minimum 2.75 GPA in all professional education courses (with no grade below C) including transfer courses. Students may repeat education courses only once.
6. Obtain verification of completion of requirements from the director of field experiences.
7. Have passing scores on the appropriate Praxis II exam.

All secondary education/K-12 majors are required to pass the following courses

	Credits
ELED 430 Directed Teaching in Music in the Elementary School	6
SCED 431 Directed Teaching in Music in the Secondary School	6
ELEC 411 Instructional Analysis in the Elementary School (fall)	3
or	
SCED 433 Reflections and Inquiry in Teaching Practice (spring)	2
(with a grade of C or better)	

All secondary/K-12 students in a program requiring Praxis II examinations for licensure must take the Maryland Praxis II tests for their content area prior to graduation.

General Information

► Lab Fees

There is a \$200 per semester credit lab fee required of all students in applied music study (MUSA 390 and MUSA 138-439 sequence).

An additional lab fee is required for all other MUSA, MUSC and MUMT courses from all students.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

PHILOSOPHY

Department of Philosophy

Dr. Joerg Tuske, Chair
410-677-5369

The philosophy curriculum consists of the following 10 courses with minimum grades of C in each course; with at least five courses at the 300/400 level:

1. Complete one introductory-level course:

	Credits
PHIL 101 Introduction to Philosophy	4
or	
PHIL 103 Critical Thinking	4

2. Complete Proseminar

	Credits
PHIL 290 Proseminar in Philosophy	4

3. Complete one core course in value theory from the following:

	Credits
PHIL 203 Ethics	4
PHIL 300 Philosophy of the Arts	4
PHIL 305 Political Philosophy	4
PHIL 401 Moral Theory	4
PHIL 450 Philosophical Concepts in Literature	4

4. Complete one core course in metaphysics/epistemology from the following:

	Credits
PHIL 307 Mind, Language and World: Themes in Analytical Philosophy	4
PHIL 330 Theory of Knowledge	4
PHIL 335 Philosophy of Science	4
PHIL 402 The Problem of God	4
PHIL 408 Metaphysics	4

5. Complete one course in the history of western philosophy from the following:

	Credits
PHIL 308 Ancient Philosophy	4
PHIL 309 Medieval Philosophy	4
PHIL 311 Modern Philosophy	4
PHIL 317 19th Century Philosophy	4

6. Complete one diversity course from the following:

	Credits
PHIL 209 Philosophy and Culture	4
PHIL 312 Introduction to Asian Philosophy	4
PHIL 316 Philosophy and Feminism	4
PHIL 321 Race and Ethnicity	4
PHIL 323 Buddhist Philosophy	4
PHIL 324 Topics in Asian Philosophy	4
PHIL 399 International Studies in Philosophy	4

7. Complete three electives from any of the courses previously listed or the following:

	Credits
PHIL 202 Symbolic Logic	4
PHIL 207 Philosophy of Education	4
PHIL 210 Nature, Religion and Science	4
PHIL 301 Violence and Nonviolence	4
PHIL 306 Animals and Ethics	4
PHIL 310 Philosophical Topics	4
PHIL 313 Studies in the History of Philosophy	4
PHIL 315 Life and Death Issues in Health Care	4
PHIL 318 Environmental Responsibility	4
PHIL 319 Law and Morality	4
PHIL 322 Existentialism	4
PHIL 325 Philosophy of Religion	4
PHIL 405 Contemporary Continental Philosophy	4
PHIL 490 Independent Study	1-4

8. Complete the following advanced course, in which students deal creatively with a philosophical issue:

	Credits
PHIL 475 Senior Seminar	4

9. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

POLITICAL SCIENCE

Department of Political Science

Dr. Adam H. Hoffman, Chair
410-677-0103

All political science majors must meet the following requirements:

1. Complete with minimum grades of C at least 10 courses in political science with at least six courses at the 300/400 level.

2. Complete the following political science core:

	Credits
POSC 101 Introduction to Politics and Government	4
POSC 110 American National Government	4
POSC 300 Methods of Empirical Political Analysis	4
(POSC 101 and 110 should be taken in the freshman year and POSC 300 in the junior year.)	

3. Complete an additional four courses with one course from each of the following fields (distribution requirements):

	Credits
Comparative Politics	
POSC 211 Comparative Politics of Latin America	4
POSC 220 Comparative Government of East Asia	4
POSC 310 Comparative European Government	4
POSC 311 Comparative Government of Developing Nations	4
POSC 313 Comparative Politics of the Middle East	4
POSC 390 International Field Study	3-9
POSC 408 Political Violence and Terrorism	4
POSC 417 Russia and the Soviet Union	4
POSC 420 Politics of China	4

International Politics/Foreign Policy

POSC 210 Introduction to International Relations	4
POSC 213 War and Peace in the Middle East	4
POSC 215 American Foreign Policy	4
POSC 409 Causes of War	4
POSC 411 International Law	4
POSC 413 International Political Economy	4
POSC 415 United Nations System	4

Political Theory	
POSC 200 Political Ideologies	4
POSC 370 Democracy	4
POSC 401 Political Theory	4

American Politics/Public Policy

POSC 102 Contemporary Issues	4
POSC 202 State and Local Government in the U.S.	4
POSC 205 Women in Politics	4
POSC 230 Judicial Process and Politics	4
POSC 301 Political Parties and Pressure Groups	4
POSC 315 The Presidency in American Politics	4
POSC 320 Public Policy Analysis	4
POSC 330 American Constitutional Development	4
POSC 340 Political Science Internship	3
POSC 341 Political Science Internship Seminar	3
POSC 360 Environmental Policy	4
POSC 430 The Congress in American Politics	4
POSC 440 Public Administration	4
POSC 450 Civil Rights and Liberties	4
POSC 460 Environmental Law	4

4. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

5. Satisfy the requirements below for the traditional major or the Applied Politics Track.

Traditional Major

In addition to core and distribution requirements, students must complete three additional courses in political science.

Applied Politics Track

In addition to core and distribution requirements, students must meet the following requirements:

1. Complete these courses:

	Credits
POSC 340 Political Science Internship	3
ENGL 306 Writing for the Disciplines	4
MATH 155 Modern Statistics with Computers	3

2. Select three courses from the following list:

	Credits
POSC 202 State and Local Government in the U.S.	4
POSC 301 Political Parties and Pressure Groups	4
POSC 315 The Presidency in American Politics	4
POSC 320 Public Policy Analysis	4
POSC 430 The Congress in American Politics	4
POSC 440 Public Administration	4
* one of these courses can also be used to fulfill the major requirement of one course from the American Politics/Public Policy field	

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

PSYCHOLOGY

Department of Psychology

Dr. Michèle M. Schlehofer, Chair
410-543-6370

Students must complete a minimum of 10 courses from the categories listed here with grades of C or better. Transfer students majoring in psychology must complete a minimum of five psychology courses with grades of C or better at Salisbury

University.

Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

Core Requirements

Psychology majors must take these three courses:

	Credits
PSYC 101 General Psychology	4
PSYC 220 Psychological Statistics	4
PSYC 304 Research Methods	4

Group A: Brain Sciences

1. Complete the following course:

	Credits
PSYC 301 Biological Basis of Behavior	4

2. Complete one 400-level course from the following:

	Credits
PSYC 401 Physiological Psychology	4
PSYC 445 Cognitive Psychology	4
PSYC 446 Fundamentals of Human Neuropsychology	4
PSYC 450 Sensation and Perception	4

Additional Requirements

Students must complete five courses. One each from categories B,C and D, and two additional courses from two different categories (B,C or D)

► Group B: Developmental

	Credits
PSYC 300 Developmental Psychology	4
PSYC 320 Psychology of Infancy and Childhood	4
PSYC 321 Psychology of Adolescence	4
PSYC 322 Psychology of Aging	4
PSYC 323 Psychology of Death and Dying	4
PSYC 333 Effective Parenting	4
PSYC 423 Developmental Disabilities	4
PSYC 482 Nature-Nurture Issues	4
PSYC 483 Autism Spectrum Disorders	4

► Group C: Social

	Credits
PSYC 306 Social Psychology	4
PSYC 325 Psychology of Sexuality	4
PSYC 334 Psychology of Women	4
PSYC 375 Psychology and the Law	4
PSYC 406 Psychology of Attitudes and Attitude Change	4
PSYC 409 Environmental Psychology	4
PSYC 410 Multicultural Issues	4
PSYC 412 Psychology of Religion	4
PSYC 415 Community and Applied Social Psychology	4
PSYC 420 Political Psychology	4

► Group D: Clinical

	Credits
PSYC 302 Abnormal Psychology	4
PSYC 360 Clinical/Counseling Psychology	4
PSYC 402 Childhood Disorders	4
PSYC 403 Measurement and Evaluation	4
PSYC 407 Psychology of Personality	4
PSYC 430 Applied Behavior Analysis	4
PSYC 481 Health Psychology/Behavioral Medicine	4

Optional Courses

	Credits
PSYC 305 Psychology of Learning	4
PSYC 313 Drugs and Behavior	4
PSYC 408 History and Systems in Psychology	4
PSYC 485 Psychology Practicum	3-4
PSYC 490 Individual Directed Study	1-4
PSYC 495 Selected Topics in Psychology	4
PSYC 497 Research in Psychology	4

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

SOCIOLOGY

Department of Sociology

Dr. Diane S. Illig, Chair
410-677-5066

Students must complete 11 courses in sociology, one of which is one credit, with grades of C or better in each course. At least two courses beyond the core must be at the 300/400 level. Transfer students majoring in sociology must complete at least five courses in sociology at Salisbury University.

1. Complete the following four core courses:

	Credits
SOCI 321 Social Research	4
SOCI 421 Theory I, Foundations of Sociological Theory	4
SOCI 422 Theory II, Contemporary Sociological Theory	4
SOCI 429* Senior Experience	1
* Related to topical area of student interest	

2. Complete the one-course diversity requirement* from the following:

	Credits
SOCI 201 Social Problems	4
SOCI 250 Race Relations in Global Perspective	4
SOCI 304 Social Inequality	4
SOCI 314 Sociology of Gender	4
SOCI 331 Racial and Cultural Minorities	4
SOCI 339 Immigration	4
SOCI 361 Aging and Society	4
SOCI 363 Women and Development	4
* May not be used as a sociology elective.	

3. Select six courses of sociology electives.

4. Demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

General Information

► 300/400-Level Courses

Although there are no prerequisites for many sociology courses, students are advised that 300/400-level courses are basically designed for juniors and seniors.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

SPANISH

Department of Modern Languages
and Intercultural Studies

Dr. Claire Kew, Chair
410-543-6038

A major in Spanish consists of 10 courses in the language above the intermediate level (201).

Transfer foreign language students must complete four courses in the major at Salisbury University with minimum grades of C.

1. Complete the following:

	Credits
SPAN 202 Spanish in Review	4
SPAN 310 Oral and Written Composition	4
or	
SPAN 313 Effective Writing and Reading for Spanish Heritage Speakers	4
SPAN 315 Spanish Culture and Civilization	4
SPAN 316 Latin American Culture and Civilization	4
SPAN 335 Survey of Spanish Literature	4
SPAN 336 Survey of Latin American Literature	4

2. Complete a minimum of four additional courses taught in the language (SPAN 330 cannot be used to complete this requirement) at the 300 or 400 level.

3. Earn grades of C or better in major courses.

4. All majors are required to earn three academic credits via a department-approved study abroad program. (Questions regarding the fulfillment of this requirement should be directed to your advisor or department chair.)

Teacher Certification

Complete the requirements for the Spanish major and the following requirements.

► Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

► Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 376 World Language and Reading Methods in the Middle and High School Part I	4
SCED 476 World Language and Reading Methods in the Middle and High School Part II	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2
(with a grade of C or better)	

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. Spanish secondary students must pass the Maryland Praxis content tests or the ACTFL Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WTP) in Spanish. See education advisor regarding appropriate texts and passing scores.

General Information

► Placement Exams and Credits

The Department of Modern Languages and Intercultural Studies awards and recognizes credit through examination in French, German and Spanish. Any student officially enrolled at Salisbury University may be granted credits through the Advanced Placement (AP) exam or CLEP exam.

Departmental placement exams in French, German and Spanish are given during Freshman Preview and at the very beginning of each semester only. All students who have not earned university academic credit in a language, either through the AP, CLEP or a credit-bearing course, are encouraged to take the departmental placement exam in that language to assist in determining proper initial placement level.

Students who have not yet earned university academic credit in a language may purchase credit for courses below the level of the first course in that language completed for credit with a grade of C or better. Credits for courses below the level of the first course completed for credit with a grade of C or better may be purchased at the current rate posted at the cashier's office.

A maximum of two courses granted by exam or purchased through completing an advanced first course in a language may be applied to either a minor or major in that language. A maximum of three courses may be earned by exam or purchased through completion of an advanced first course in a language.

► Challenge Exams

Any student officially enrolled at Salisbury University may purchase credits through a challenge exam. Credits may not be purchased through a challenge exam for a course below the student's established level of proficiency. Conversation courses are not available for challenge exam credit.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

THEATRE

Department of Music, Theatre and Dance

Dr. Robert Smith, Co-Chair
410-543-6235

Students must complete 13 courses in theatre, of which five must be at the 300/400 level, with grades of C or better. Eight core courses are required and five courses must be taken in a declared track.

Students must demonstrate 102-level proficiency in a foreign language. (Details for fulfilling the requirement are found in Appendix E.)

THEA 100, 110, 126, 130, 200, 210, 223, 250, 300 and 301 satisfy General Education IIIA requirements. Complete with grades of C or better the requirements of a minor, a minimum of 30 hours at the 300/400 level and electives as needed to graduate. Transfer students majoring in theatre must complete a minimum of five theatre courses, including THEA 499, at Salisbury University.

Theatre Core

1. Complete eight theatre courses:

	Credits
THEA 110 Technical Production	4
THEA 126 Costuming and Theatre Crafts	4
THEA 199 Cornerstone Seminar	1
THEA 240 Text Analysis	4
THEA 250 Acting I	4
THEA 300 History of Theatre I	4
THEA 301 History of Theatre II	4
THEA 499 Capstone Seminar	1

Design and Production Track

1. Complete two required courses:

	Credits
THEA 125 Theatre Practicum	2
(repeat one hour for a total of two hours)	
THEA 290 Special Topics in Theatre	4
(must complete [or repeat] a minimum of four credits)	

2. Complete three elective courses from the following with two at 300/400 level:

	Credits
THEA 223 Makeup Design	4
THEA 258 Stage Management	4
THEA 310 Scene Design	4
THEA 311 Scene Painting	4
THEA 312 Lighting Design	4
THEA 320 Costume Design	4

Performance Track

1. Complete two required courses:

	Credits
THEA 125 Theatre Practicum	2
(repeat one hour for a total of two hours)	
THEA 200 Voice and Movement Fundamentals	4

2. Complete three elective courses from the following:

	Credits
THEA 344 Directing	4
THEA 350 Acting II	4
THEA 430 Accents and Dialects	4
THEA 450 Acting Shakespeare	4
THEA 451 Acting Comedy	4
THEA 456 Techniques of Children's Theatre	4

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

Graduate Programs

MASTER OF ARTS IN CONFLICT ANALYSIS AND DISPUTE RESOLUTION

Department of Conflict Analysis and Dispute Resolution

Jacques Koko, Program Director
410-677-0135

The Master of Arts in conflict analysis and dispute resolution (CADR) addresses the growing need for highly skilled conflict resolution practitioners to work within judicial, governmental, social service and private sector systems. This is a quickly growing field, with governments and corporations increasingly using mediation and other conflict resolution processes in their day-to-day operations. Students with any undergraduate major may pursue the degree.

The program is closely integrated with the Center for Conflict Resolution, which functions as a 'teaching hospital,' offering extensive opportunities for students to get involved in both research and practice. The academic and clinical faculty members work closely with students, ensuring that each student gains valuable hands-on experience in the field, specifically tailored to their individual career goals.

The curriculum combines advanced skill development with a strong theory base, providing a well-rounded education that allows students to apply theory in the real world. The curriculum also includes a strong emphasis on research skills for those students planning to continue their post-graduate study.

Admission

Admission to the Masters of Arts in CADR at SU requires an application for graduate program admission; the application fee; official transcripts from all colleges and universities attended; if applying for in-state tuition, a Residency/Domicile Information Form; and the following additional application documents and requirements specified by the CADR program:

- An undergraduate degree (preferably in CADR or a related field) with a minimum cumulative grade point average of 3.0 on a 4.0 scale.
- M.A. in CADR application form.
- Three letters of recommendation from individuals qualified to judge the applicant's ability to do graduate work in CADR.
- Personal statement detailing the applicant's goals and objectives. The essay should outline the applicant's reasons for pursuing a M.A. in CADR.
- A writing sample. Applicants should submit a sample work of 5-10 pages that demonstrates their writing abilities.
- Fulfillment of the University requirements for international students as outlined in this catalog, if applicable.

All application materials should be received by the CADR graduate program director by March 15 for consideration of acceptance into the fall class. Incomplete or late applications will not be considered for admission in the fall term. The M.A. program is delivered as a full-time, cohort model; although students may occasionally be accepted for the spring term, or

less often on a part-time basis. In making admission decisions, the committee is looking at the overall set of materials.

Program Requirements

The M.A. in CADR requires the completion of 36 credit hours. The program consists of eight core courses (24 credits), two electives (six credits), a field practicum (three credits) and a thesis project or professional development project (three credits). Graduate students must maintain a cumulative GPA of 3.0 or higher with no more than two C or C+ grades.

- Complete 24 credits of core course work:

	Credits
CADR 500 Introduction to Conflict Analysis and Dispute Resolution	3
CADR 510 Problem Solving, Negotiation and Conflict.....	3
CADR 520 Structural and Systemic Conflict and Dispute System Design	3
CADR 530 Mediation Theory and Practice.....	3
CADR 540 Theories of Conflict and Conflict Resolution	3
CADR 550 Research Methods	3
CADR 600 Group Processes and Complex Conflicts	3
CADR 610 Workshops, Training and Conflict Coaching	3

- Complete three credits of field practicum course work:

	Credits
CADR 640 Field Practicum I.....	3

- Complete six credits of elective course work:

	Credits
CADR 620 Special Topics.....	3
CADR 630 Studies in Conflict Analysis and Dispute Resolution ..	3
CADR 641 Field Practicum II	3

- Complete three credits of thesis or professional development project course work:

	Credits
CADR 650 Research Thesis Project	3
CADR 651 Professional Development Project	3

MASTER OF ARTS IN ENGLISH

Department of English

Dr. Christopher Vilmar, Graduate Program Director
410-677-6511

The English Department provides a variety of Master of Arts in English opportunities for students wishing to further their study. The program is large enough to offer high-quality instruction from faculty who are actively engaged in scholarship and publication, while, at the same time, small enough to promote collegiality among M.A. candidates and faculty and to ensure personalized attention as students proceed through their chosen areas of study. In addition, each academic year the department offers a limited number of teaching assistantships, which include stipend and tuition waiver in exchange for students' teaching three sections of the English Department's freshman composition courses each year.

Students pursuing the M.A. in English include students intending to go on to Ph.D. programs, those expecting to teach at the junior or community college level, and secondary school teachers seeking to enhance their expertise and credentials. While every graduate student's experience ultimately depends on the energy, dedication and imagination which that student devotes to his or her studies, Salisbury University's M.A. in English program furnishes an environment in which the graduate experience can be intellectually challenging, highly productive and exceptionally rewarding.

Admission

Admission to the Master of Arts in English requires an application for graduate program admission at SU; the application fee; official transcript from all colleges and universities attended; and, if applying for in-state tuition, a Residency/Domicile Information Form. Applicants must have completed or anticipate completing prior to admission an undergraduate English major or its equivalent (30 semester hours of English beyond freshman English) or a major in a related area, with a 3.0 GPA in those undergraduate courses. A student who fails to meet this requirement should consult the English Department's graduate director regarding removal of deficiencies.

In addition to the materials required by SU's Office of Admission, the applicant for the M.A. in English must also submit (or have forwarded) directly to the English Department Graduate Program Director, Salisbury University, 1101 Camden Avenue, Salisbury, MD 21801, the following materials:

- A written statement of purpose for applying to the English M.A. program and specific option.
- Two letters of recommendation using the department's form (available through the English Department's website).
- Qualifying exam scores:
 - Applicants who wish to be considered for teaching assistantships are required to have acceptable scores on the GRE General Test. (If scores are not available at the time of application, a copy of the GRE Registration Form should be forwarded to the graduate program director.)
 - Applicants who are *not* requesting consideration for teaching assistantships, GRE General Test, MAT or Praxis Core scores are acceptable.

Qualifying examination scores are considered relative to undergraduate (and previous graduate) GPAs, recommendations, statements of purpose and interviews (if required). There are no cutoff or minimum scores. If a student has already received a graduate degree, qualifying examination requirements may be waived at the discretion of the graduate program director.

All application materials should be received by the English Department's graduate program director 30 days prior to the beginning of the semester for which the student is applying. Application materials for applicants who wish to be considered for teaching assistantships must be received by March 15. When admitted to the English graduate program, graduate students may count no more than nine hours taken as non-degree students toward the M.A. in English. With the approval of the graduate director, up to nine hours of graduate credit may be transferred from another institution.

Course Requirements

The M.A. in English requires completion of 33 semester hours (including a minimum 24 hours completed at SU) with grades of C or better. Graduate students must maintain a cumulative average of 3.0 or higher and receive C or C+ grades in a maximum of two courses.

Students may choose one of four ways to meet degree requirements and all course selections must be approved by the graduate director in English. Students who as undergraduates have taken any of the required courses indicated in the

options described (e.g., ENGL 431, Survey of Modern English Grammar; ENGL 433, Language and Culture; ENGL 465, Composition Theory) will, in consultation with the graduate program director, select alternative courses to meet the 33-hour requirement.

Literature (Non-thesis)

- At least 24 semester hours of English at the 500 level.
- ENGL 508 and six of the 24 hours must be in seminars in literature; these include ENGL 500, 501, 502, 503, 504, 505 and 510.
- Up to nine semester hours at the 500 level may be taken in one supporting discipline, e.g., education, history, modern languages, philosophy, sociology, communication arts or art, with the approval of the graduate program director.

Literature (Thesis)

- At least 21 semester hours of English at the 500 level.
- ENGL 508 and six of the 24 hours must be in seminars in literature; these include ENGL 500, 501, 502, 503, 504, 505 and 510.
- Up to nine semester hours at the 500 level may be taken in one supporting discipline, e.g., education, history, modern languages, philosophy, sociology, communication arts or art, with the approval of the graduate program director.
- Three semester hours of thesis credit (ENGL 531).

To help maintain a measure of commonality and to assure a broad literary scope to the degree program, all candidates for the M.A. in English in plans A and B must take a written comprehensive examination. Students admitted to the program are provided a list of primary texts in preparation for the examination. Students are responsible for all materials on the list regardless of the coursework they may elect. Students may take the examination at the conclusion of any semester in which they currently maintain good standing in the degree program, though they may not delay the examination longer than one full semester following the completion of their coursework. Every examination is evaluated by two members of the English Department faculty, unless a third reading of the examination should be required. In order to earn the M.A. in English, a student must pass the comprehensive examination within two attempts.

► Special Requirements for Literature Option Teaching Assistants

The literature option for teaching assistants differs from the non-thesis and thesis literature options requirements above in the following three ways:

- ENGL 514, Writing Program Issues; ENGL 537, Survey of Modern English Grammar; ENGL 565 Composition Theory; and ENGL 508, Methods and Theories for Literary Research are required.
- One of the four areas on the comprehensive examination for teaching assistants addresses material covered in the three required language and writing courses (ENGL 514, 537 and 565).

3. Students may take, in consultation with the graduate program director, up to six hours (rather than the nine hours allowed for non-teaching assistant Literature option students) in a supporting discipline.

Composition and Rhetoric

- a. Complete the following four required courses in composition and language:

	Credits
ENGL 514 Writing Program Issues	3
ENGL 537 Survey of Modern English Grammar	3
ENGL 565 Composition Theory	3
ENGL 566 Methods for Composition and Rhetoric Research	3

- b. Complete two of the following courses in rhetoric and writing:

	Credits
ENGL 564 Rhetorical Criticism	3
ENGL 567 History and Theory of Rhetoric	3
ENGL 595 Topics in Writing and Rhetoric	3

- c. Complete the required course ENGL 508 Methods and Theories for Literary Research and one additional literature seminar.

- d. Complete two additional 500-level ENGL courses, at least one of which should be ENGL 509, 515, 535, 536, 538, 539, 591 or the course from "b" above not used to fulfill that requirement.

- e. Complete one additional 500-level ENGL course and a comprehensive exam.

or
Complete ENGL 530 Directed Research and a Capstone Project.

TESOL

- a. The following 18 required semester hours of coursework:

	Credits
ENGL 528 ESOL Tests and Measurements	3
ENGL 535 Language and Culture	3
ENGL 536 Principles of Linguistics	3
ENGL 537 Survey of Modern English Grammar	3
ENGL 539 Second Language Acquisition	3
ENGL 547 Current Approaches to ESOL Instruction	3

- b. The remaining 15 hours selected from the following courses:

	Credits
EDUC 500 Historical, Philosophical and Social Foundations	3
EDUC 545 Learning and Instruction in the Schools	3
EDUC 582 Teaching Reading in the Content Areas: Part I	3
EDUC 583 Teaching Reading in the Content Areas: Part II	3
ENGL 532 Literacy and ESOL Reading	3
ENGL 533 ESOL Program Development	3
ENGL 534 Literacy and ESOL Writing	3
ENGL 538 Bilingualism	3
ENGL 591 Topics in Linguistics and Language Learning	3
ENGL 592 Practicum	3

TESOL and Maryland Certification

Students who wish to earn their Maryland State Certification to teach ESOL (K-12) and complete the M.A. in English-TESOL are advised to enroll in this 51 semester hour (maximum) program. The number of credit hours required for the TESOL and Maryland Certification option may vary depending on students' educational and professional backgrounds. Students in this program should consult frequently with both the graduate program director in the English Department and the TESOL liaison in the Education Department:

- a. The following required 30 semester hours of courses:

	Credits
ENGL 528 ESOL Tests and Measurements	3
ENGL 532 Literacy and ESOL Reading	3
ENGL 534 Literacy and ESOL Writing	3
ENGL 535 Language and Culture	3
ENGL 536 Principles of Linguistics	3
ENGL 537 Survey of Modern English Grammar	3
EDUC 500 Historical, Philosophical and Social Foundations	3
EDUC 545 Learning and Instruction in the Schools	3
EDUC 547* ESOL Methods	3
EDUC 588 Seminar: Educating Individuals with Disabilities	3

* Prior to enrolling in EDUC 547 students must pass Praxis Core and be admitted to the Professional Teacher Education Program

- b. Students must also complete the following:

• Six hours of a foreign language.

• Six hours of the following language learning courses:

	Credits
ENGL 538 Bilingualism	3
ENGL 539 Second Language Acquisition	3
ENGL 591 Topics in Linguistics and Language Learning	3

• Nine hours in student teaching in ESOL, divided into elementary and secondary levels, and a seminar, all corequisites:

	Credits
EDUC 507 TESOL Internship I	3
EDUC 509 TESOL Internship II	3
EDUC 511 TESOL Internship Seminar	3
or	
EDUC 558 Practicum for Teaching Professionals	3
(for certified teachers)	

Prior to graduation, students must take Praxis II ESOL and submit their scores to the graduate program director. Students apply for state certification individually.

POST-BACCALAUREATE CERTIFICATE IN TESOL (TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES)

The Post-Baccalaureate Certificate in TESOL is designed for K-12 school personnel who wish their professional development and enhance their knowledge and expertise in Teaching of English to Speakers of Other Languages (TESOL) but are seeking neither an M.A. nor state certification in TESOL.

Admission

Applicants for the Post-Baccalaureate Certificate in TESOL must follow the admission procedures for admission to graduate study at Salisbury University. In addition, the following materials must also be submitted or forwarded directly to the English Department Graduate Program Director, Salisbury University, 1101 Camden Avenue, Salisbury, MD 21801:

1. A letter of application for admission which includes a written description of reasons for pursuing the certificate and a statement of career goals within TESOL.

2. Two letters of recommendation.

Course Requirements

The Post-Baccalaureate Certificate in TESOL requires completion of 15 semester hours of graduate credit with a cumulative average of 3.0 or higher, with no grade lower than C, and no more than three credit hours of C or C+ in their program.

- a. Complete the following 12 required semester hours:

	Credits
ENGL 530 Principles of Linguistics	3
ENGL 539 Second Language Acquisition	3
ENGL 528 ESOL Tests and Measurements	3
ENGL 547 Current Approaches in ESOL Instruction	3

- b. Complete one of the following three semester hour courses:

ENGL 532 Literacy and ESOL Reading	3
or	
ENGL 534 Literacy and ESOL Writing	3
or	
ENGL 509 Seminar in Language Study	3

NOTE: While the courses taken for the Post-Baccalaureate Certificate cover areas required for K-12 certification in the State of Maryland, this certificate by itself does not lead to teacher certification nor does it lead toward an M.A. in English.

MASTER OF ARTS IN HISTORY

Department of History

Dr. Céline Carayon, Graduate Program Director
410-677-3251

The History Department's Master of Arts (M.A.) program offers students the opportunity to undertake advanced coursework in many areas of U.S. and world history, and is especially strong in the study of the Chesapeake Bay region. Graduate seminars on specialized topics are taught by a diverse and world-class faculty, whose primary goal is to see that students acquire the dispositions necessary for conducting professional historical research. Small classes afford individualized attention and faculty support. The scope and rigor of the program furnishes an excellent foundation for those interested in continuing their studies at the Ph.D. level. Evening offerings give teachers and other nontraditional students an invaluable opportunity for ongoing education and career development.

With its emphasis on research, reading and writing, the M.A. program in history not only prepares its students to succeed in challenging academic and professional environments, but also promises to foster in them a lifelong love of learning and appreciation for the complexity of the human condition.

Admission

Admission to the M.A. in history at SU requires an application for graduate program admission; the application fee; official transcript from all colleges and universities attended; if applying for in-state tuition, a Residency/Domicile Information Form; and the following additional application documents and requirements specified by the History Department:

- Submission of three letters of recommendation from individuals qualified to judge the applicant's ability to pursue graduate studies in history, an example of the applicant's scholarly writing, along with the departmental application for admission to the graduate program in history, to the History Department, Salisbury University, 1101 Camden Avenue, Salisbury, MD 21801.
- Acceptable results on the Graduate Record Examination (GRE). It is expected that students will submit the GRE scores at the time they apply to enter the graduate program. Students may be admitted without having taken the GRE, but must complete the GREs within the first semester.

- C. Completion of the equivalent of an undergraduate major in history with at least 15 semester hours in history at the junior-senior level or above, including a course in research and writing, with a grade point average of 3.0 or better in all history courses. This preparation is designed to serve as a foundation for graduate study in history and such courses are therefore ineligible for inclusion in the 30 semester hours normally required for the degree.

- D. A student who has completed a bachelor's degree in a major other than history should contact the history graduate program director for additional information.

All application materials, either those specified for the Admissions Office or those specified for the History Department, should be submitted by no later than May 15 for fall admission or October 15 for spring admission.

Provisional Admission

Students who do not meet the minimum requirements for admission to the M.A. in history may only be admitted on a provisional basis, and must make up the deficiency. Provisionally admitted students may take a maximum of nine semester hours and must maintain a cumulative grade point average of at least 3.0 with no grade less than C.

Program of Study

The M.A. in history requires 30 semester hours of graduate coursework (including 24 hours completed at SU) and satisfactory performance on oral and written examinations. After being formally admitted, but before beginning coursework, the graduate student is expected to meet with the graduate director of the History Department tentatively to select one major concentration area and at least one minor concentration area (a second minor concentration is optional) and to discuss a possible thesis option. Contact the History Department graduate director for concentration areas.

Up to six semester hours of graduate work in history may be transferred from other institutions.

Students must maintain a cumulative grade point average of 3.0; earning two grades of C or one grade below C is grounds for dismissal from the program.

Seminar Requirement

Select at least five seminars from the selected major and minor concentrations at the 600-level (HIST 601 is required), the aim of which is to develop skills in historical research, analysis and writing.

All M.A. history students must complete:

	Credits
HIST 601 Methods of Historical Research	3

Complete at least four more seminar courses from the following (seminars may each be taken twice under different course subtitles):

HIST602 Seminar: Colonial and Revolutionary America	3
HIST603 Seminar in 19th Century America	3
HIST604 Seminar in European History	3
HIST605 Seminar: Maryland History	3
HIST606 Seminar in 20th Century America	3
HIST607 Seminar in Chesapeake and Middle Atlantic History	3
HIST608 Seminar in American Diplomacy	3
HIST609 Studies in Early Delmarva	3
HIST610 Seminar in Latin American History	3
HIST612 Special Topics Seminar	3
HIST613 Seminar in Ancient History	3
HIST614 Seminar in Asian History	3
HIST615 Seminar in African History	3

► **Non-Thesis Option**

In addition to the seminar requirement, complete at least five courses from any 500-level HIST course, any 600-level HIST seminar not taken twice already and/or the following course:

	Credits
HIST 629 Individual Research/Historiography	3
(Note: HIST629 may only be taken once)	

► **Thesis Option**

In addition to the seminar requirement, complete at least three courses from any 500-level HIST course, any 600-level HIST seminar not taken twice already and/or the following course:

	Credits
HIST 629 Individual Research/Historiography	3
(Note: HIST629 may only be taken once)	

Complete the following two courses in the last two semesters of coursework (thesis courses may only be taken once):

	Credits
HIST 630 Directed Research	3
HIST 631 Thesis (cannot be taken winter/summer session)	3

► **Written and Oral Exams**

After completion of 15-18 semester hours of graduate work, students meet with the graduate director to finalize the major and minor concentration areas in which they are to be examined. Students complete the written examinations first; these responses become the starting point for discussion in the oral examination. Students who fail the written or oral examinations may retake the examination once, but must do so within one year of the date of the original examination.

Richard A. Henson

Henson School of Science and Technology

Dr. Karen L. Olmstead, Dean
Dr. Robert L. Joyner Jr., Associate Dean
Dr. Michael S. Scott, Associate Dean

Dr. John C. Lee, Advising Services Coordinator
 www.salisbury.edu/henson/advising
 Henson Science Hall Room 202 • 410-548-7711

Henson Science Hall Room 201
410-543-6489

Kristen A. Paul, STEM Coordinator
 www.salisbury.edu/henson/stem

Majors & Minors

Bachelor of Science

Biology
 Dual Degree: Biology and
 Environmental Science
 Chemistry
 Computer Science
 Earth Science
 Geography
 Mathematics
 Medical Laboratory Science
 Nursing
 Physics
 Dual Degree:
 Engineering Transfer
 Respiratory Therapy

Minors

Actuarial Science
 Biology
 Chemistry
 Clinical Biochemistry
 Clinical Hematology
 Clinical Microbiology
 Computer Science
 Earth Science
 Geographic Information Science
 Geography
 Mathematics
 Physics
 Statistics
 Transfusion Services/Blood Bank
 Urban and Regional Planning

Upper-Division Certificate

Geographic Information Science
 Fundamentals

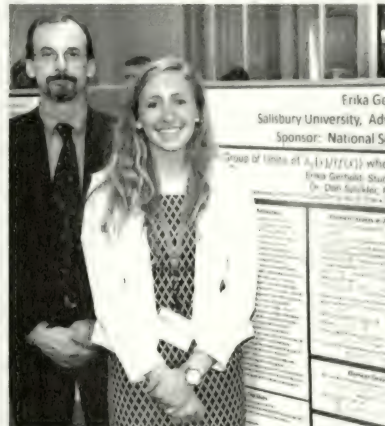
Master of Science

Applied Biology
 Applied Health Physiology
 Geographic Information Systems
 Management
 Nursing
 Mathematics Education

Doctor of Nursing Practice

Post-Baccalaureate Certificate
 in Health Care Management

Post-Doctorate of Nursing
 Practice Certificate of
 Completion: Family Nurse
 Practitioner



Contents

School Information

Departments

Biological Sciences	140147
Chemistry	141
Geography and Geosciences	141
Health Sciences	141
Mathematics and Computer Science	143
Nursing	143
Physics	144

Undergraduate Majors

Biology	144
Health Professions Students	145
Teacher Certification	145
Dual Degree Program in Biology and Environmental Science	146
Chemistry	146
Traditional Chemistry Track	147
ACS-Chemistry Track	147
Biochemistry Track	147
ACS-Biochemistry Track	147
Teacher Certification	147
Dual Degree Chemical Engineering Transfer Track	148
Pre-Health Professional Track	148
Accelerated Professional Track - Pharmacy	149
Computer Science	149
Earth Science	150
Teacher Certification	150
Geography	151
General Geography Track	151
Atmospheric Science Track	151
Physical Geography Track	151
Human Geography Track	152
Geographic Information Science Track	152
Environmental and Land Use Planning Track	152
Upper-Division Certificate in Geographic Information Science Fundamentals	152
Mathematics	152
Traditional Option	153
Applied Option	153
Actuarial Science Track	153
Computational Mathematics Sciences Track	153
Statistics Concentration	154
Teacher Certification	154
Medical Laboratory Science	155
Nursing	156
Traditional Undergraduate	157
RNs (No Previous Bachelor's Degree)	157
RNs (Previous, Non-Nursing Bachelor's Degree)	158
Second Bachelor's Degree	158

www.salisbury.edu/henson

Physics	159
General Physics Track	159
Engineering Physics Track	159
Microelectronics Track	159
Teacher Certification	159
Dual Degree Engineering Transfer Program	160
Respiratory Therapy	160
Graduate Programs	
Master of Science in Applied Biology	161
Thesis Option	162
Non-Thesis Option	162
M.S. in Applied Biology 4+1 Program	162
Master of Science in Applied Health Physiology	163
Master of Science in Geographic Information Systems Management	164
Master of Science in Mathematics Education	165
Middle School Track	166
High School Track	166
Master of Science in Nursing	166
Master of Science Program	166
RN to Master's (No Previous Bachelor's Degree)	167
Health Care Leadership Track	168
Nurse Educator Track	168
Doctor of Nursing Practice	168
Post-Baccalaureate to D.N.P. (FNP) Option	168
Post-Master's to D.N.P. Option	169
Post-Baccalaureate Certificate in Health Care Management	171
Post-Doctorate of Nursing Practice Certificate of Completion: Family Nurse Practitioner	171

School Information

The mission of the Richard A. Henson School of Science and Technology is to provide an outstanding student-centered learning environment in which expert faculty empower students with knowledge and skills in the sciences, mathematics, engineering and health-related disciplines. The Henson School prides itself in recruiting diverse faculty and students and providing a highly collaborative environment in the classroom, laboratory, field and clinical settings. Additionally, the Henson School collaborates with employers and post-graduate institutions in order to support successful career pathways for its graduates. Within Henson School majors, students develop the knowledge and skills they need to function as professionals within their disciplines and as informed citizens.

The curricula provide sound foundations for health science, nursing, science, mathematics and computer science majors and include courses supporting the University's General Education mission. In addition to its integral role in liberal arts education, the school provides core courses in

science for several programs in other schools at the University.

Students in the Henson School of Science and Technology work closely with their advisors on coursework, program planning and career development. In addition to traditional majors in the sciences, students can select from a variety of interdisciplinary, dual-degree and pre-professional programs. Students are encouraged to engage in undergraduate research projects, internships and cooperative learning experiences. Faculty coordinators are available in each department to assist students in arranging internships and co-op experiences. Graduates from the school typically begin careers in science, healthcare, technology and secondary education or continue their education in graduate or professional schools.

There are several scholarships for students enrolled in majors in the Henson School of Science and Technology. The endowment of the school established the Richard A. Henson Scholars Program. These scholarships are available to high ability students majoring in any department within the school, and can be renewed annually. There are a number of other scholarships available for students majoring in nursing, health sciences and other Henson School majors. More information is available in the "Financial Aid" section of this catalog.

Specific programs within the Henson School of Science and Technology are accredited by the following professional organizations:

American Chemical Society Committee on Professional

Training

Commission on Accreditation for Respiratory Care

Commission on Collegiate Nursing Education (CCNE)

National Accrediting Agency for Clinical Laboratory Sciences

Richard A. Henson, founder and chairman of Henson Aviation, endowed the School of Science in 1988 creating the Richard A. Henson School of Science and Technology. An avid pilot, he founded the Henson Flying Service in his hometown of Hagerstown, MD, in 1931 when he was only 21 years old. During World War II he was a test pilot for Fairchild Industries in Hagerstown, then developing and manufacturing training and fighting planes for the nation's wartime flyers. After the war he turned his ideas and expertise as a flyer toward civil aviation and in 1967 started the first commuter service for Allegheny Airlines connecting Hagerstown to Baltimore and Washington, D.C. In 1981 he moved his corporate headquarters to Salisbury describing this as "the model commuter city in the United States." After a period of phenomenal growth he sold the airline to Piedmont Aviation Inc. in 1983, which in turn was bought out by USAir in 1987. Over the years, Henson has given numerous substantial financial gifts to other local educational institutions as well as the YMCA, the Boy Scouts of America, the Peninsula Regional Medical Center and the Greater Salisbury Committee. The Richard A. Henson Foundation made a generous gift to support the recently established Richard A. Henson Foundation Medical Simulation Center at Salisbury University.

HENSON SCHOOL COURSE REPEAT POLICY

Students may repeat courses offered by the Henson School of Science and Technology one time at SU without special permission. This policy applies to all undergraduate courses offered in the Henson School of Science and Technology. Details for the policy are found in Appendix F.

Departments

BIOLOGICAL SCIENCES

www.salisbury.edu/biology

Majors: Biology, Biology and Environmental Science (dual degree with UMES)

Minors: Biology

Graduate: M.S. Applied Biology

(See "Undergraduate Minors" section for details.)

Chair

Professor Stephen C. Gehrich, Ph.D.; Tufts University

Associate Chair

Associate Professor F. Les Erickson, Ph.D.; University of Texas at Dallas

Professors

Ann M. Barse, Ph.D.; University of Maryland College Park
Christopher H. Briand, Ph.D.; University of Guelph
Elizabeth A.B. Emmert, Ph.D.; University of Wisconsin Madison
Mark F. Frana, Ph.D.; University of Kansas
Samuel Geleta, Ph.D.; Oklahoma State University
Mark A. Holland, Ph.D.; Rutgers University
Kimberly L. Hunter, Ph.D.; University of Nevada Las Vegas
Judith M. Stribling, Ph.D.; University of Maryland
E. Eugene Williams, Ph.D.; Arizona State University

Associate Professors

Patti T. Erickson, Ph.D.; University of California, Berkeley
Aaron S. Hogue, Ph.D.; Northwestern University
Victor A. Mirel, Ph.D.; Old Dominion University
Dana L. Price, Ph.D.; Rutgers University
Ryan C. Taylor, Ph.D.; University of Louisiana-Lafayette

Assistant Professors

Philip D. Anderson, Ph.D.; Case Western Reserve University
Christina J. Bradley, Ph.D.; University of Hawaii Manoa
Jessica Kennett Clark, Ph.D.; Florida State University
Jeremy R. Corfield, Ph.D.; University of Auckland
Eric Liebgold, Ph.D.; University of Virginia
Jennifer F. Nyland, Ph.D.; State University of New York
Upstate Medial University

Senior Lecturers

Claudia Morrison-Parker, Ph.D.; Indiana University
Wanda Perkins, M.S.; Salisbury University
Betty Lou Smith, Ph.D.; University of Maryland College Park

Lecturers

Roie L. Cordrey, M.S.; Salisbury University
Krispen L. Laird, M.S.; Salisbury University
Kumudini Munasinghe, Ph.D.; University of Maryland Eastern Shore

The Department of Biological Sciences offers degrees in the biological sciences and, through cooperation with the University of Maryland Eastern Shore, a program leading to dual degrees in biology and environmental science. The department's mission is threefold:

1. Assist students majoring in biology and associated health disciplines and environmental science prepare for advanced degree work or postgraduate employment.
2. Assist students not majoring in science develop an appreciation and fundamental knowledge of the principles governing life.
3. Nourish in all students the ability to apply the scientific process and to think critically about contemporary problems in the biological sciences.

The department shares the University's commitment to developing in students the fundamental communication skills that characterize educated persons and the technical knowledge and skills that will allow them to become outstanding professional biologists.

The biology major includes a required core, which introduces students to the basic concepts of modern biology. The core will allow students to prepare for careers as professional biologists in many prominent subdisciplines. The environmental/marine science dual degree program is an applied program leading to graduate school or employment in these areas. A program leading to secondary teacher education certification is also available.

The Department of Biological Sciences operates under the guidelines "Resolutions on the Use of Animals in Research, Testing and Education" as adopted in 1990 by the American Association for the Advancement of Science (AAAS).

CHEMISTRY

www.salisbury.edu/chemistry

Major: Chemistry

Minor: Chemistry

(See "Undergraduate Minors" section for details.)

Chair

Professor David F. Rieck, Ph.D.; University of Wisconsin Madison

Associate Chair

Associate Professor Anita Brown, Ph.D.; University of Delaware

Professors

Frederick A. Kundell, Ph.D.; University of Maryland College Park
Katherine Miller, Ph.D.; Washington University
Edward G. Senkbeil, Ph.D.; University of Delaware

Associate Professors

Seth Friesse, Ph.D.; University of California, San Diego
Stephen A. Habay, Ph.D.; University of Pittsburgh
Robert D. Luttrell, Ph.D.; University of Tennessee

Assistant Professors

Alison Dewald, Ph.D.; The University of Virginia
José Juncosa, Ph.D.; Purdue University
David Keifer, B.S.; University of Mount Union

Senior Lecturer

Mindy Howard, B.S.; University of Oklahoma at Norman

Lecturers

Brent Alogna, B.S., Salisbury University
Jameson Brinck, B.S., Salisbury University
Cynthia Watson, M.Ed.; Salisbury University

The Chemistry Department offers different tracks leading to the Bachelor of Science in chemistry, including two American Chemical Society (ACS)-certified programs and a program leading to secondary education teacher certification.

The department's curricula foster the development and expression (verbal and written) of rational thought. The faculty attempt to impart an understanding and appreciation of chemistry along with the knowledge, safe laboratory skills and personal integrity necessary for students to be productive members of the larger community of professional chemists. Because chemistry is an experimental discipline, the laboratory experience fosters a sense of self-confidence and independence, as well as an appreciation for the importance of original investigation. Since the study of chemistry is discovery-based, the department is committed to providing meaningful and interesting research experiences in well-equipped laboratories.

GEOGRAPHY AND GEOSCIENCES

www.salisbury.edu/geography

Majors: Earth Science, Geography

Minors: Earth Science, Geographic Information Sciences, Geography, Urban and Regional Planning

(See "Undergraduate Minors" section for details.)

Upper-Division Certificate: Geographic Information Science Fundamentals

Graduate: M.S. GIS Management

Chair

Professor Brent R. Skeeter, Ph.D.; University of Nebraska-Lincoln

Associate Chair

Professor Xingzhi Mara Chen, Ph.D.; University of Iowa

Professors

Michael S. Scott, Ph.D.; University of South Carolina
Brent J. Zaprowski, Ph.D.; Lehigh University

Associate Professors

Amal K. Ali, Ph.D.; Florida State University
Gina Bloodworth, Ph.D.; Pennsylvania State University
Mark de Socio, Ph.D.; University of Cincinnati
Daniel W. Harris, Ph.D.; University of Maryland College Park
Arthur Lembo, Ph.D., State University of New York College of Environmental Science and Forestry
Darren B. Parnell, Ph.D.; University of South Carolina

Assistant Professors

Thomas Cawthorn, Ph.D.; University of New Hampshire
Stuart E. Hamilton, Ph.D.; University of Southern Mississippi
Craig A. Ramseyer, M.S.; University of Georgia

Lecturers

Keota Silaphone, M.S.; University of Cincinnati
Vanessa Smullen, M.S.; The Johns Hopkins University

The Department of Geography and Geosciences offers a program leading to a Bachelor of Science in geography, a discipline which examines the spatial patterns and interactions of natural, cultural and socioeconomic phenomena on the earth's surface. Geography embraces aspects of the physical sciences, social sciences and spatial data management techniques. The department also offers a Bachelor of Science in earth science. Additionally, the department offers a graduate program in Geographic Information Systems (GIS) Management that focuses on the management and administration of geospatial data in a public context.

HEALTH SCIENCES

www.salisbury.edu/healthsci

Majors: Medical Laboratory Science, Respiratory Therapy

Minors: Clinical Biochemistry, Clinical Hematology, Clinical Microbiology, Transfusion Services/ Blood Bank

Graduate: M.S. Applied Health Physiology

Chair

Professor Diane L. Davis, Ph.D., MLS(ASCP)^{CM} SLSCM^{SCM} SCCM^{CM} (Medical Laboratory Science Program Director); The Catholic University of America

Professors

Robert L. Joyner, Ph.D., RRT-ACSS, FAARC (Respiratory Therapy Program Director); Dartmouth College
Sidney Schneider, Ph.D., RRT-NPS, RPFT, ACSM-CEP; University of Maryland College Park

Assistant Professors

Carlton R. Insley III, Ph.D., RRT, RRT-NPS, RPFT, RRT-ACCS; (Applied Health Physiology Program Director); University of Nevada - Las Vegas
Thomas K. Pellingier, Ph.D., ACSM-RCEP, ACSM-EP-C; University of Oregon

Clinical Assistant Professors

Lisa Joyner, M.Ed., RRT, RRT-NPS (Director of Clinical Education, Respiratory Therapy Program); Salisbury University
 Adriana Rangel, M.P.H., RRT (Program Coordinator, Respiratory Therapy Program at The Universities at Shady Grove); Texas A&M School of Rural Public Health

Medical Directors

Robert Chasse, M.D. (Consulting Faculty, Respiratory Therapy); Eastern Virginia Medical School
 Eric Weaver, M.D., Ph.D. (Consulting Faculty, Medical Laboratory Science); Thomas Jefferson University, Jefferson Medical College

Instructor

Christine Camillo, M.S., MLS(ASCP)^{CM}; University of Maryland at Baltimore
 Meghan Smith East, M.S.P.A.S., PA-C, MLS, (ASCP)^{CM}, Towson University

The Department of Health Sciences consists of undergraduate programs in medical laboratory science and respiratory therapy, and a graduate program in applied health physiology.

The undergraduate programs provide coursework in the basic sciences, General Education and specialized areas that prepare graduates for national certification in their fields of study. During the first two years of each program, students take prerequisite and General Education courses. The last two years comprise the professional core, offering courses in the major with student laboratories accompanied by rotations through clinical facilities. The courses prepare students to practice in laboratory science or respiratory care under the guidance and supervision of professionals during internships in "real world" environments.

The graduate program in applied health physiology is a professional degree program designed to prepare health care professionals. Graduates of this program should possess the vision, the knowledge and the skills necessary to promote health and wellness in strength and conditioning careers as well as a variety of clinical settings (e.g., cardiac/pulmonary rehabilitation, geriatric centers, youth centers, state and local health departments, and corporate wellness programs). The curriculum emphasizes both theory and practice in the preparation of administrators, technicians and supervisors. The program is designed to include the knowledge, skills and opportunities for practice that are essential for the development of health care and strength fitness professionals.

Undergraduate Program in Medical Laboratory Science

A Bachelor of Science from Salisbury University in medical laboratory science (MLS) prepares students to perform and supervise others performing laboratory analyses used in the diagnosis, prognosis and treatment of disease, as well as the maintenance of health. One study showed that up to 70 percent of all medical decisions are leveraged by laboratory results, so the employment future in this field is bright. Although many graduates enter healthcare, the high skill level of MLS graduates makes them ideal candidates for employment in a diversity of settings and for graduate education in a broad spectrum of areas related to healthcare and laboratory analysis. Graduates seek careers in clinical settings (hospitals or private laboratories performing tests related to disease conditions in humans and animals), industry (marketing, pharmaceutical, biomedical technology, occupational health, research and development, and quality assurance), research, informatics, health care administration (infection control, health promotion, laboratory consultation) and public health (epidemiology, crime laboratory science,

Peace Corps). Many graduates continue education in widely varied programs, including medicine, physician assistant, pathologist assistant, pharmacy, forensics and other graduate programs related to laboratory specialties.

SU's program provides courses in basic math and science (statistics, chemistry and biology), General Education and specialized areas (microbiology, immunology, clinical biochemistry, hematology, transfusion services, urine/body fluid analysis, phlebotomy lab safety and management). Computerization, mathematics, instrumentation and writing are integrated into the curriculum. Clinical internships in regional hospitals are capstone experiences in which students practice what they've studied to become competent practitioners. Students apply for positions in the spring of the sophomore year, and all prerequisite courses must be completed to enter the program. Therefore, students wishing to pursue the degree should seek academic advisement early to insure proper course sequencing.

The Bachelor of Science program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS, 5600 N. River Rd., Suite 720, Rosemont, IL 60018, 847-939-3597). Graduates are eligible to take certification examinations offered by various national organizations such as the American Society for Clinical Pathology (ASCP). Statistics regarding pass rates on certification exams, student attrition and graduate placement are maintained on the program website (www.salisbury.edu/healthsci/medtech).

Undergraduate Program in Respiratory Therapy

The Department of Health Sciences offers a program leading to the Bachelor of Science in respiratory therapy, preparing highly trained health care practitioners who administer care to patients with disorders of the cardiopulmonary system. Program admission is competitive and it is highly recommended that students wishing to pursue the degree seek academic advisement early.

The professional coursework in the respiratory therapy program provides extensive exposure to many therapeutic modalities including, but not limited to, oxygen therapy, small volume nebulizer therapy, chest physical therapy, intermittent positive pressure breathing, mechanical ventilation, intubation, blood gas acquisition and analysis, neonatal intensive care, monitoring heart and lung functions of critically ill patients, cardiopulmonary resuscitation, and numerous rotations (e.g., pulmonary function laboratory, cardiopulmonary rehab, etc.). The clinical rotations of the respiratory therapy program are divided among the student's junior and senior clinicals. The junior year is spent providing care to patients on the general floors and the senior year is spent providing care entirely in intensive care and the emergency department. This provides graduates the best exposure to a wide variety of patient diseases and severity of diseases. Graduates are offered certifications in CPR, Neonatal Resuscitation, Pediatric Advanced Life Support and Advanced Cardiovascular Life Support.

The Bachelor of Science program is accredited by the Committee on the Accreditation of Respiratory Care programs (CoARC). Graduates are eligible to take credentialing examinations offered by the National Board of Respiratory Care (NBRC).

Graduate Program in Applied Health Physiology

The Department of Health Sciences offers a program leading to the Master of Science in applied health physiology. This professional degree program is designed to prepare

leaders in the fields of health care/wellness or fitness. The program offers three possible areas of focus: cardiovascular/pulmonary rehabilitation, strength and conditioning, and fitness/wellness. The program provides academic preparation for students seeking certification by the American College of Sports Medicine as exercise specialists or by the National Strength and Conditioning Association as Certified Strength and Conditioning Specialists (CSCS). The academic coursework prepares students for careers in health care settings such as hospitals, youth and geriatric centers, state and local health departments, corporate wellness programs, personal trainers, and strength and conditioning coaches for sports teams. The academic and clinical faculty members provide multiple opportunities for hands-on experience in addition to traditional classroom interactions.

MATHEMATICS AND COMPUTER SCIENCE

www.salisbury.edu/mathcosc

Majors: Computer Science, Mathematics

Minors: Actuarial Science, Computer Science, Mathematics, Statistics

(See "Undergraduate Minors" section for details.)

Post-Baccalaureate Certificate:

Middle School Mathematics

Graduate: M.S. Mathematics Education

Chair

Professor Donald E. Spickler Jr., Ph.D.; University of Virginia

Associate Chair

Associate Professor Veera Holdai, Ph.D., Wayne State University

Professors

Michael J. Bardzell, Ph.D.; Virginia Polytechnic Institute and State University

Jennifer A. Bergner, Ph.D.; University of Northern Colorado

Steven M. Hetzler, Ph.D.; Northwestern University

E. Lee May Jr., Ph.D.; Emory University

David L. Parker, Ph.D.; Indiana University

Kathleen M. Shannon, Ph.D.; Brown University

Robert M. Tardiff, Ph.D.; University of Massachusetts

Barbara A. Wainwright, Ph.D.; University of Delaware

Xiaohong Sophie Wang, Ph.D.; University of Victoria (Canada)

Associate Professors

Troy V. Banks, Ph.D., University of Texas at Dallas

Lori Carmack, Ph.D.; University of California, Santa Barbara

Dean DeFino, M.S. (Computer Science Program Director);

University of Tennessee

Enyue Lu, Ph.D.; University of Texas at Dallas

Kurt E. Ludwick, Ph.D.; Temple University

Sang-Eon Park, Ph.D.; University of Cincinnati

Assistant Professors

Jathan W. Austin, Ph.D.; University of Delaware

Randall Cone, Ph.D.; Virginia Polytechnic Institute and State University

Alexander Halperin, Ph.D.; Lehigh University

Yaping Jing, Ph.D.; Iowa State University

Steven T. Lauterburg, Ph.D.; University of Illinois at Urbana-Champaign

Melissa Stoner, Ph.D.; Lehigh University

Visiting Professor

Gerard Keough, Ph.D.; Indiana University

Senior Lecturers

Robert Barber, M.S.; American University

Robert Johnson, Ed.D.; Indiana University

Bohdan G. Kunciw, Ph.D.; The Pennsylvania State University

Carvel LaCurtis, M.Ed.; Salisbury University

Lecturers

Marie Arvi, M.S.; San Jose State University

Alfred Beebe, Ph.D.; University of Washington

Molly Ferretti, M.A., Stony Brook University

Theresa Manns, M.S.; Syracuse University

Charles P. Pautler, Ph.D.; George Washington University

The Department of Mathematics and Computer Science offers programs leading to the Bachelor of Science in mathematics, including a concentration in statistics, to the Bachelor of Science in computer science and to the Master of Science in Mathematics Education. Also available are a track in actuarial science, a track in computational mathematical sciences and a program leading to secondary education teacher certification. The department introduces students to the beauty and utility of mathematics, statistics and computer science in an environment that enhances learning experiences inside and outside the classroom. The department provides up-to-date programs as well as undergraduate research, internships and consulting opportunities.

The major in mathematics encourages students to examine the relationships among pure mathematics, applied mathematics, statistics and computer science. It provides a foundation for graduate work or careers in applied mathematics, statistics, computer science, actuarial science or secondary education. The major in computer science, which can be augmented to include a minor in mathematics with one additional course, emphasizes software development principles throughout the curriculum and prepares students for graduate study or for careers in computer science, software development or systems analysis.

NURSING

www.salisbury.edu/nursing

Major: B.S. Nursing

Post-Baccalaureate Certificate:

Health Care Management

Graduate: M.S. Nursing,

Doctor of Nursing Practice,

Post-Doctorate of Nursing Practice Certificate

of Completion: Family Nurse Practitioner

Chair

Assistant Professor Jeffrey A. Willey, Ph.D.; University of Phoenix

Associate Chair

Associate Professor Debra Webster, Ed.D.; Wilmington College

Professors

Mary DiBartolo, Ph.D.; University of Maryland at Baltimore

Lisa A. Seldomridge, Ph.D.; University of Maryland College Park

(Director of Graduate and Second Degree Programs)

Dorothea McDowell Winter, Ph.D.; University of Maryland at Baltimore

Associate Professors

Michele I. Bracken, Ph.D.; University of Maryland at Baltimore

Voncelia S. Brown, M.S., Ph.D.; University of Maryland College Park

William T. Campbell, Ed.D.; University of Delaware

Katherine A. Hinderer, Ph.D.; University of Maryland at Baltimore

Judith M. Jarosinski, Ph.D.; Virginia Commonwealth University

Tina Brown Reid, Ed.D.; Wilmington College

Assistant Professors

Erica A. Alessandrini, FNP-BC, D.N.P.; Wilmington College

Kimberly D. Allen, D.N.P.; Salisbury University

Rita Nutt, D.N.P.; University of Maryland at Baltimore

Marguerite M. Russo, D.N.P., CRNP-F, ACPNP; University of Maryland

at Baltimore

Nancy M. Smith, D.N.P., FNP-BC; University of Maryland at Baltimore

Professors of Practice

Karen K. Badros, Ed.D., FNP; University of Maryland College Park

Catherine M. Walsh, Ph.D.; University of Maryland College Park

Instructors

Sedonna M. Brown, M.S.N.; Bowie State University

Kaynabess Freda, M.S.; Salisbury University

Jennifer Hart, M.S.; Salisbury University

Amanda J. Willey, M.S.; Salisbury University

Lecturer

Teena Milligan, M.S.N.; Wilmington University

The Department of Nursing offers programs leading to a bachelor's or a master's degree in nursing and the Doctorate in

Nursing Practice (D.N.P.). The faculty of the Department of Nursing at SU actively engage undergraduate and graduate students in the development of the knowledge, skills and values integral to excellence in professional nursing practice.

The bachelor's and master's degree programs are accredited by the Commission on Collegiate Nursing Education (CCNE) and the Maryland Board of Nursing. The D.N.P. program is fully accredited by CCNE.

PHYSICS

www.salisbury.edu/physics

Major: Physics

Minor: Physics

(See "Undergraduate Minors" section for details.)

Chair

Professor Andrew J. Pica, Ph.D.; University of Florida

Professor

Asif Shakur, Ph.D.; University of Calgary

Associate Professors

Joseph Howard, Ph.D.; University of Oklahoma at Norman

Mark W. Muller, Ph.D.; University of Hawaii

Gail S. Welsh, Ph.D.; The Pennsylvania State University

Assistant Professor

Matthew Bailey, Ph.D.; Utah State University

Jeffrey Emmert, Ph.D.; University of Virginia

Senior Lecturer

Gerardo Vazquez, Ph.D.; Universidad Nacional Autonoma De Mexico

Lecturer

Vanessa Smullen, M.S.; The Johns Hopkins University

The Physics Department offers a multi-track program of study, giving students the flexibility to pursue a challenging curriculum of inspiring courses best suited to their individual interests and chosen careers. A major in physics prepares students for careers in a variety of high-technology fields and teaching and/or further graduate studies in physics, engineering, medicine and other fields. Students can complete the physics major in one of five ways: general physics track, microelectronics track, secondary education track, engineering physics track or dual-degree engineering transfer program.

The Physics Department also provides undergraduate research opportunities to advance student understanding, allowing the student to apply the techniques in an active hands-on environment. With close faculty mentoring during the research experience, students gain skills necessary to organize and communicate scientific results and become successful science professionals. Virtually all physics majors become involved in scientific research under active faculty, R&D sector or industry supervision. Students have conducted research on a variety of topics including extragalactic elemental abundances, stellar evolution and supernovae, robotics design and building, alternative energies such as wind and solar, computational surface physics, biomedical physics, quantum mechanics, remote sensing, high-altitude balloon electronics, and a plethora of other topics.

Undergraduate Majors

BIOLOGY

Department of Biological Sciences

www.salisbury.edu/biology

Dr. Stephen C. Gehnrich, Chair

410-543-6490

To graduate with a degree in biology, students must complete the 27-credit biology core and at least 17 additional credits in BIOL, ENVS (at UMES) and ENVH (totaling at least 44 credits), with an overall GPA of 2.0 or higher. At least 24 of these 44 credits must be at the 300-400 level. Approved courses include BIOL 115 and biology courses at the 200, 300 and 400 levels (except BIOL 205, 214, 217, 219, 220, 416, 419 and 450). Approved courses also include ENVH 210, 301 and 302, and ENVS 403/405 (UMES).

Biology Core

Complete the following biology core:

	Credits
BIOL 210* Biology: Concepts and Methods.....	4
Three of the following:	
BIOL 211* Microbiology.....	4
BIOL 212* Introduction to Plant Biology.....	4
BIOL 213* Zoology.....	4
BIOL 310* Ecology.....	4

All of the following:	
BIOL 350 Cell Biology.....	4
BIOL 360 Genetic Analysis.....	4
or	
BIOL 370 Molecular Biology.....	4
BIOL 375 Introduction to Evolution.....	3

* A C or better is required in these courses before taking any courses for which they are a prerequisite. In order to earn a degree in biology, students must earn a C or better in at least three of the following: BIOL 211, 212, 213 or 310.

Additional Requirements

1. Complete the following three chemistry courses:

	Credits
CHEM 121 General Chemistry I.....	4
CHEM 122 General Chemistry II.....	4
CHEM 221 Organic Chemistry I.....	4

2. Complete one of the following mathematics courses:

	Credits
MATH 155 Modern Statistics.....	3
MATH 198 Calculus for Biology and Medicine.....	4
MATH 201 Calculus I.....	4

3. Complete one of the following physical science courses:

	Credits
GEOG 105 Introduction to Physical Geography.....	4
GEOG 401 Soil, Water and Environment.....	3
GEOL 103 Introduction to Physical Geology.....	4
PHYS 121 General Physics I.....	4
PHYS 221 Physics I.....	4

4. The following courses are highly recommended for all biology majors, as is a year of physics, since they are usually required for graduate study in the discipline:

	Credits
CHEM 222 Organic Chemistry II.....	4
CHEM 417 Biochemistry.....	4

5. Complete additional BIOL and ENVH courses to meet the minimum of 44 credits for the major.

The following courses may be taken as general electives, but are not acceptable for credit toward a major in biology:

	Credits
BIOL 101 Fundamentals of Biology.....	4
BIOL 105 Biology and Society.....	3
BIOL 110 Human Biology.....	4
BIOL 150 Environmental Science: Concepts and Methods.....	4
BIOL 205 Fundamentals of Human Anatomy and Physiology.....	4
BIOL 214 Medical Physiology.....	3
BIOL 217 Nutrition.....	3
BIOL 219 Biology of Human Aging.....	3
BIOL 220 Humans and the Environment.....	4
BIOL 416 Research in Biology.....	3
BIOL 419 Biology Seminar.....	1
BIOL 450 Internship.....	1-3

Health Professions Students

Pre-professional students select their courses according to the admission requirements of the professional schools in their areas of interest with the advice of the health professions advisors of the Henson School of Science and Technology Health Professions Advising Program (HPAP). These advisors can assist students in developing pre-professional tracks for medicine, dentistry, veterinary medicine, optometry and podiatric medicine. See the "Pre-professional Programs" section of this catalog for more information.

Teacher Certification

Students seeking certification to teach biology in secondary schools must meet all major requirements, BIOL 310 Ecology, and the following specific and additional requirements in related sciences.

Students majoring in biology, secondary education track, should obtain the program curriculum guide and seek advisement from the biological science education specialist in the Department of Educational Specialties.

	Credits
BIOL 115/MDTC 101 Safety in the Biological, Chemical and Clinical Laboratory.....	1
or	
CHEM 207 Laboratory Safety.....	1

Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society.....	3
ENGL 103 Composition and Research.....	4
SCED 300 Development, Learning and Assessment.....	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.

3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education.....	3
or	
SCED 319 Technology in Education.....	1
SCED 367 Inclusive Instruction for Secondary Teachers.....	3
SCED 434 Classroom Management.....	3
SCED 374 Science and Reading Methods in the Middle and High School Part I.....	4
SCED 474 Science and Reading Methods in the Middle and High School Part II.....	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education.....	6
SCED 428 Internship in Middle or High School Education.....	6
SCED 433* Reflection and Inquiry in Teaching Practice.....	2

* Students are required to follow the University calendar with respect to attendance in SCED 433.

Graduation Requirement

State of Maryland passing scores on appropriate Praxis II

exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

Dual Degree Program in Biology And Environmental Science

SU and UMES offer a dual-degree program in biology and environmental science. Students from SU who complete the program receive a Bachelor of Science in biology from SU and a Bachelor of Science in environmental science with the marine ecology option from UMES.

These students pursue their biology major at SU, completing all biology core requirements (including BIOL 310) as well as the following.

Students in this program take a minimum of 30 semester credit hours on the UMES campus, including at least 24 hours of designated BIOL/ENVS courses. Students shall not begin coursework at UMES until they have completed BIOL 210; BIOL 211, 212 or 213; CHEM 121; and CHEM 122 with a C or better in all four courses. They complete registration for UMES courses by submitting an interinstitutional enrollment form available from their advisor or the Registrar's Office. Approved courses for the biology major include ENVS 498 and 499.

1. Complete the following environmental science courses:

	Credits
ENVS 201(lec)/203(lab)* Marine Biology	4
ENVS 202(lec)/204(lab)* Oceanography	4
ENVS 221(lec)/222(lab)* Principles of Environmental Science	4
ENVS 403(lec)/405(lab)* Marine Ecotoxicology	4
DNSC 400* Senior Proficiency Exam	1
BIOL 401 Wetland Ecology.....	4

Complete one of the following:

BIOL 410 Estuarine Biology	3
BIOL 488* Marine and Estuarine Ecology	4

Complete one of the following:

BIOL 420 Independent Study	3
ENVS 498 Independent Study	3

Complete one of the following:

BIOL 415 Undergraduate Research	3
ENVS 499* Undergraduate Research	4

* offered at UMES only; C or better required

2. Complete the following required related science courses:

	Credits
CHEM 121* General Chemistry I	4
CHEM 122* General Chemistry II	4
CHEM 221 Organic Chemistry I	4
CHEM 222 Organic Chemistry II	4
PHYS 121 General Physics I	4
PHYS 123 General Physics II	4
MATH 155 Modern Statistics with Computer Analysis	3
MATH 202 Calculus II	4

* a C or better is required for CHEM 121 and CHEM 122 before taking any course for which they are a prerequisite as a requirement for graduation.

Complete one of the following:

MATH 198 Calculus for Biology and Medicine	4
MATH 201 Calculus I	4

Complete one of the following:

GEOG 104 Earth and Space Science	4
GEOG 105 Introduction to Physical Geography	4
GEOG 219 Map Analysis and Interpretation	3

NOTE: Because several courses are offered only in spring or fall, and because of other requirements of the program including a relatively large number of required credits, it is important that students check their program plans carefully with their advisors.

See the "Graduate Programs" section of this chapter for a complete description of the M.S. in applied biology.

General Information

► Transfer Students

Transfer students seeking the degree in biology must complete a minimum of 15 credit hours of courses in biology at Salisbury University.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

CHEMISTRY

Department of Chemistry
www.salisbury.edu/chemistry

Dr. David Rieck, Chair
410-543-6480

The Chemistry Department offers a broad selection of tracks for students seeking careers in chemistry and the physical sciences. The Bachelor of Science in chemistry requires a minimum of 120 credits for graduation. Chemistry majors must have at least a C average in the math and science courses required by the major. Transfer students majoring in chemistry are required to complete at least 15 hours in chemistry at Salisbury University. With the proper selection of electives, a chemistry major can be used for entry into the professional programs of dentistry, medicine, veterinary medicine, pharmacy or patent law (see "Pre-professional Programs" section).

All chemistry majors must complete the following core courses. In addition, each major must satisfy the additional requirements for the chosen track as outlined below.

Chemistry Core Courses

	Credits
CHEM 121 General Chemistry I	4
CHEM 122 General Chemistry II	4
CHEM 221 Organic Chemistry I	4
CHEM 222 Organic Chemistry II	4
CHEM 321 Analytical Chemistry	4
MATH 201 Calculus I*	4
MATH 202 Calculus II	4
PHYS 221 Physics I**	4
PHYS 223 Physics II***	4

* Students in the pre-health professional track (described below) may take MATH 198 or MATH 201.

** Students in the accelerated professional - pharmacy track and the pre-health professional track (described below) may take PHYS 121 or PHYS 221

*** Students in the accelerated professional - pharmacy track and the pre-health professional track (described below) may take PHYS 123 or PHYS 223

In addition to completing these core courses, students must complete their major in one of the following tracks: traditional chemistry track, ACS chemistry track, biochemistry track, ACS biochemistry track, teacher certification track, pre-engineering track, pre-health professional track or accelerated professional - pharmacy track.

Traditional Chemistry Track

This is a baccalaureate track designed for direct entry into the chemistry profession.

	Credits
CHEM 207 Laboratory Safety	1
CHEM 306 Fundamentals of Inorganic Chemistry	4
CHEM 333 Instrumental Analysis	3
CHEM 341 Physical Chemistry I	4
CHEM 342 Physical Chemistry II	4
CHEM 403 Principles of Chemical Research	3
or	
CHEM 413 Internship/Co-op in Chemistry	3
CHEM 441 Advanced Experimental Chemistry I	4
CHEM 442 Advanced Experimental Chemistry II	4
BIOL 210 Biology: Concepts and Methods	4

American Chemical Society Chemistry Track

The ACS-certified degree is widely recognized in the chemistry profession as a standard of excellence. This track is designed for motivated students with good scholastic records who intend to enter graduate programs in chemistry or closely related fields.

	Credits
CHEM 207 Laboratory Safety	1
CHEM 306 Fundamentals of Inorganic Chemistry	4
CHEM 333 Instrumental Analysis	3
CHEM 341 Physical Chemistry I	4
CHEM 342 Physical Chemistry II	4
CHEM 403 Principles of Chemical Research	3
CHEM 410 Chemical Research	3
CHEM 417 Biochemistry I	4
CHEM 441 Advanced Experimental Chemistry I	4
CHEM 442 Advanced Experimental Chemistry II	4
BIOL 210 Biological Concepts and Methods	4

Biochemistry Track

The biochemistry track is designed for students interested in developing a deeper understanding of biochemical principles and engaging in more advanced biochemistry laboratory experiences. This track provides a diversified background for postgraduate health-related programs, such as dentistry, medicine or veterinary medicine (see "Pre-professional Programs" section). When coordinated properly, completion of this track satisfies the requirements of most medical schools.

	Credits
CHEM 207 Laboratory Safety	1
CHEM 306 Fundamentals of Inorganic Chemistry	4
CHEM 333 Instrumental Analysis	3
CHEM 341 Physical Chemistry I	4
or	
CHEM 342 Physical Chemistry II	4
CHEM 403 Principles of Chemical Research	3
or	
CHEM 413 Internship/Co-op in Chemistry	3
CHEM 417 Biochemistry I	4
CHEM 418 Biochemistry II	3
CHEM 419 Biochemical Methods	4
CHEM 441 Advanced Experimental Chemistry I	4
BIOL 210 Biology: Concepts and Methods	4
BIOL 211 Microbiology	4
or	
BIOL 212 Introduction to Plant Biology	4
or	
BIOL 213 Zoology	4
BIOL 350 Cell Biology	4
or	
BIOL 370 Molecular Genetics	4
BIOL 3XX Biology Elective	3/4
or	
BIOL 4XX Biology Elective	3/4

American Chemical Society Biochemistry Track

The ACS-certified chemistry degree/biochemistry track is designed for highly motivated chemistry majors seeking a curriculum emphasizing biochemistry. This option is well suited for students who intend to enter graduate programs in biochemistry or closely related fields. When coordinated properly, completion of this track satisfies the requirements of most medical schools.

	Credits
CHEM 207 Laboratory Safety	1
CHEM 306 Fundamentals of Inorganic Chemistry	4
CHEM 333 Instrumental Analysis	3
CHEM 341 Physical Chemistry I	4
CHEM 342 Physical Chemistry II	4
CHEM 403 Principles of Chemical Research	3
CHEM 410 Chemical Research	3
CHEM 417 Biochemistry I	4
CHEM 418 Biochemistry II	3
CHEM 419 Biochemical Methods	4
CHEM 441 Advanced Experimental Chemistry I	4
BIOL 210 Biology: Concepts and Methods	4
BIOL 211 Microbiology	4
or	
BIOL 212 Introduction to Plant Biology	4
or	
BIOL 213 Zoology	4
BIOL 350 Cell Biology	4
BIOL 370 Molecular Genetics	4

Teacher Certification

The teacher certification track is a Maryland State Department of Education-approved teacher education program, which certifies students to teach chemistry in the secondary schools.

	Credits
CHEM 107 Chemistry: A Humanistic Perspective	4
or	
CHEM 109 Energy and the Environment	4
CHEM 207 Laboratory Safety	1
CHEM 306 Fundamentals of Inorganic Chemistry	4
CHEM 341 Physical Chemistry I	4
CHEM 342 Physical Chemistry II	4
CHEM 417 Biochemistry I	4
BIOL 101 Fundamentals of Biology	4

► Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.

- Complete all pre-professional requirements.
- Complete four courses in the major field.

► Methods Requirements

- To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 374 Science and Reading Methods in the Middle and High School Part I	4
SCED 474 Science and Reading Methods in the Middle and High School Part II	4

- The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

- Complete the written application for internship.
- Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
- Have an overall grade point average of at least 2.50 including transfer credit.
- Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
- Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
- Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2
(with a grade of C or better)	

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

Dual Degree Chemical Engineering Transfer Track

This track provides a student an opportunity to earn both a degree in chemistry from SU and an engineering degree from the University of Maryland College Park (UMCP). In this track, typically students attend SU for three years and UMCP for two years (likely including the summer before the first fall semester).

While at SU, the student completes the chemistry core as well as additional courses identified here. Students also must complete all SU General Education requirements and at least 90 credit hours at SU. Students who transfer to SU must complete at least 60 credit hours of the track at SU.

To earn the degree from SU, the student must apply to and be accepted into the Chemical and Biomolecular Engineering Program at UMCP. Please note that completion of the SU requirements does not guarantee admission into the UMCP program. Additionally, please note that it is the student's responsibility to make certain that all prerequisites for the UMCP program are met.

In addition, to earn the degree from SU, as a student in the UMCP Chemical and Biomolecular Engineering Program, the student must complete at least 30 credit hours at UMCP, with at least 15 of these credit hours being chemical engineering (CHBE) courses with a grade of C or better. After completing the required courses at UMCP, if all other SU requirements have been met, the student may transfer credits to SU from UMCP and apply for graduation at SU.

Complete the following course requirements (in addition to the chemistry core and SU General Education requirements):

	Credits
CHEM 341 Physical Chemistry I	4
CHEM 342 Physical Chemistry II	4
CHEM 417 Biochemistry I	4
ENGR 100 Introduction to Engineering Design	3
ENGR 306 Introduction to MATLAB	1
MATH 310 Calculus III	4
MATH 311 Differential Equations I	4
PHYS 225 Physics III	3

Pre-Health Professional Track

The pre-health professional track is designed for students interested in pursuing postgraduate professional school programs (medicine, dentistry, veterinary medicine, pharmacy, optometry and podiatric medicine). With the advice of the Henson School of Science and Technology Health Professions Advising Program (HPAP), these students select their courses according to the admission demands of the professional schools in their areas of interest while also completing the requirements for a B.S. in chemistry. See the "Pre-professional Programs" section of this catalog for more information.

In addition to the chemistry core courses, students are required to complete the following courses

	Credits
CHEM 207 Laboratory Safety	1
or	
MDTC 101 Safety in the Biological, Chemical and Clinical Laboratory	1
CHEM 306 Fundamentals of Inorganic Chemistry	4
CHEM 333 Instrumental Analysis	3
CHEM 341 Physical Chemistry I	4
or	
CHEM 342 Physical Chemistry II	4
CHEM 403 Principles of Chemical Research	3
or	
CHEM 413 Internship/Co-Op in Chemistry	3
CHEM 417 Biochemistry	4
CHEM 418 Biochemistry II	3
CHEM 419 Biochemical Methods	4

CHEM 441	Advanced Experimental Chemistry I	4
BIOL 210	Biology: Concepts and Methods	4
BIOL 213	Zoology	4
BIOL 350	Cell Biology	4
BIOL 370	Molecular Genetics	4
CMAT 100	Fundamentals of Communication	4
PSYC 101	General Psychology	4
SOCI 101	Introduction to Sociology	4

Accelerated Professional Track - Pharmacy

In this accelerated track a student completes three years of study at SU and then, if accepted, the student may enter the University of Maryland School of Pharmacy during what would have been the fourth year of study at SU. While at SU, students complete the chemistry core courses identified here as well as the additional requirements that follow. Students must also complete all SU General Education requirements prior to entering pharmacy school. Please note, the completion of SU requirements does not guarantee admission into pharmacy school; additionally, it is the student's responsibility to make sure all pharmacy school prerequisites are met. After successful completion of the first year of study at pharmacy school, and if all other SU requirements have been met, students receive the baccalaureate degree in chemistry from SU. See the "Pre-Professional Programs" section of this catalog for more information.

The SU requirements for this accelerated track (in addition to completion of the chemistry core and General Education requirements) are outlined here:

	Credits
CHEM 207 Laboratory Safety	1
or	
MDTC 101 Safety in the Biological, Chemical and Clinical Laboratory	1
CHEM 333 Instrumental Analysis	3
CHEM 341 Physical Chemistry I	4
or	
CHEM 342 Physical Chemistry II	4
CHEM 417 Biochemistry	4
MATH 155 Modern Statistics with Computer Analysis	3
or	
MATH 213 Statistical Thinking	3
BIOL 210 Biology: Concepts and Methods	4
BIOL 211 Microbiology	4
BIOL 215 Human Anatomy and Physiology I	4
BIOL 216 Human Anatomy and Physiology II	4
CMAT 100 Fundamentals of Communication	4
ECON 211 Micro-Economic Principles	3

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

COMPUTER SCIENCE

Department of Mathematics and Computer Science
www.salisbury.edu/mathcsc

Dean DeFino, Program Director
410-543-6145

The computer science major requires 18 courses (64-65 credits) arranged in four components:

- Mathematics Core for computer science (16 credits);
- Lower-Division Computer Science Core (16 credits);
- Upper-Division Computer Science Core (23 credits); and
- Three upper-level electives (9-10 credits, selected with the guidance of a faculty advisor).

All required mathematics and computer science courses and all upper-level electives must be completed with grades of C or better (or pass if they are offered only on a pass-fail basis). No course may be taken until all prerequisite courses have been completed with grades of C or better.

Transfer students majoring in computer science are required to complete at least 12 hours of upper-level computer science courses with grades of C or better at Salisbury University.

Students may not receive credit for computer science courses which are prerequisites for or equivalent to computer science courses for which they have already received native or transfer credit.

► I. Mathematics Core for Computer Science

	Credits
MATH 201 Calculus I	4
MATH 202 Calculus II	4
MATH 210 Introduction to Discrete Mathematics	4
MATH 306 Linear Algebra	4

► II. Lower-Division Computer Science Core

	Credits
COSC 117 Programming Fundamentals	4
COSC 120 Computer Science I	4
COSC 220 Computer Science II	4
COSC 250 Microcomputer Organization	4

► III. Upper-Division Computer Science Core

	Credits
COSC 320 Advanced Data Structures and Algorithm Analysis	4
COSC 350 Systems Software	4
COSC 362 Theory of Computation	3
COSC 386 Database Implementation	3
COSC 425 Software Engineering I	3
COSC 426 Software Engineering II	3
COSC 450 Operating Systems	3

► IV. Three Upper-level Electives

Choose three courses from the following:

	Credits
COSC 330 OO Design Patterns and GUI/Event-Driven Programming	3
COSC 370 Computer Networks	3
COSC 380 Internship*	3
COSC 390 Undergraduate Research Project*	3
COSC 420 High-Performance Computing	4
COSC 422 Organization of Programming Languages	3
COSC 432 Compiler Construction	3
COSC 456 Computer Architecture	3
COSC 472 Network Security	3
COSC 482 Computer Graphics	3
COSC 490 Special Topics	3
COSC 495 Directed Consulting*	4
MATH 471 Numerical Methods**	3

or other COSC, INFO, MATH or PHYS courses approved by the chair, including those courses offered at other universities

* COSC 380, 390 (taken for at least three credits) and 495 may be used to satisfy at most one of the upper-level electives

** these courses have prerequisites which are not listed among the courses required in the major

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

EARTH SCIENCE

Department of Geography and Geosciences
www.salisbury.edu/geography

Dr. Brent Zaprowski, Program Director
410-543-6460

All courses applied to the major must be completed with grades of C or better. Except for GEOG 204, 219, 319, 414 and GEOL 206 the core courses may be taken in any order and a student may register for more than one in a given semester. The Department of Geography and Geosciences recommends that the lower-division core courses (GEOG 201, 204, 219 and GEOL 103) be completed prior to GEOG 414.

Transfer students must complete a minimum of 15 semester hours with grades of C or better in geology/geography at Salisbury University, at least 12 semester hours of which must be at the 300/400 level. Earth science majors seeking certification for teaching in secondary school must meet additional requirements in education. Students pursuing secondary teaching certification should contact the Education Specialties Department for advisement early in their program.

Bachelor of Science requirements for an earth science major include the following:

1. Complete the following core courses:	
CHEM 121 General Chemistry I	Credits 4
GEOG 201 Weather and Climate	4
GEOG 204 Statistical Problem Solving in Geography	4
GEOG 219 Map Interpretation and Analysis	3
GEOG 319 Geographic Information Science	4
GEOG 414 Research and Writing	3
GEOL 103 Introduction to Physical Geology	4
GEOL 206 Historical Geology	4
GEOL 211 Sediment Analysis	1
GEOL 313 Mineralogy and Optical Petrology	4
GEOL 336 Stratigraphy and Sedimentology	4
GEOL 465 Earth Science Seminar	1
MATH 155 Modern Statistics with Computer Analysis	3
PHYS 121 General Physics I	4
or	
PHYS 221 Physics I	4
2. Complete at least three courses from the following	
GEOG 311 Coastal Processes	Credits 3
GEOG 312 Severe and Hazardous Weather	3
or	
GEOG 409 Dimensions of Climatic Change	3
or	
GEOG 410 Meteorology	3
or	
GEOG 413 Applied Climatology	3
GEOG 401 Soil, Water and Environment	3
GEOG 411 Geomorphology	4
GEOL 322 Geological Oceanography	3
GEOL 405 Environmental Geology	4

Teacher Certification

Students seeking licensure to teach earth science in secondary schools must complete the following science requirements beyond the earth science core as well as the secondary education program requirements.

		Credits
BIOL 101	Fundamentals of Biology	4
BIOL 115/		
MDTC 101	Safety in the Biological, Chemical and Clinical Laboratory	1
PHYS 108	Introduction to Observational Astronomy	4

SECONDARY EDUCATION PROGRAM REQUIREMENTS

Note: Students may repeat each education course only once.

Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.		Credits
EDUC 210	School in a Diverse Society	3
ENGL 103	Composition and Research	4
SCED 300	Development, Learning and Assessment	3
2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.		

Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:		Credits
SCED 318	Computers in Education	3
or		
SCED 319	Technology in Education	1
SCED 367	Inclusive Instruction for Secondary Teachers	3
SCED 434	Classroom Management	3
SCED 374	Science and Reading Methods in the Middle and High School Part I	4
SCED 474	Science and Reading Methods in the Middle and High School Part II	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.

2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

		Credits
SCED 426	Internship in Middle or High School Education	6
SCED 428	Internship in Middle or High School Education	6
SCED 433*	Reflection and Inquiry in Teaching Practice (with a grade of C or better)	2
* Students are required to follow the University calendar with respect to attendance in SCED 433.		

Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

Checklist

For a major checklist visit www.salisbury.edu/checklists.

GEOGRAPHY

Department of Geography and Geosciences
www.salisbury.edu/geography

Dr. Brent Skeeter, Chair
410-543-6460

All courses applied to the geography major must be completed with grades of C or better. Except for GEOG 204, 219, 319 and 414, the core courses may be taken in any order and a student may register for more than one in a given semester. The Department of Geography and Geosciences recommends that the lower-division core courses (GEOG 201, 204, 219 and GEOL 103) be completed prior to GEOG 414.

Transfer students must complete a minimum of 15 semester hours with grades of C or better in geography at Salisbury University, at least 12 semester hours of which must be at the 300/400 level.

While geography majors must satisfy departmental requirements, they are also encouraged to develop a program suitable to their individual needs. The department has five designated tracks: general geography, atmospheric science, physical geography, geographic information science, and environmental and land use planning. Each track is designed to provide flexible, yet directed preparation toward specific employment opportunities as well as appropriate background for related graduate work. Students seeking guidance about the tracks, graduate study or career programs should see a departmental advisor.

Bachelor of Science requirements for a geography major include the following:

1. Complete the following core courses:		Credits
GEOG 101	World Geography: Europe and Asia	3
or		
GEOG 102	World Geography: Africa and the Americas	3
GEOG 201	Weather and Climate	4
GEOG 203	Economic Geography	3
GEOG 204	Statistical Problem Solving in Geography	4
GEOG 219	Map Interpretation and Analysis	3
GEOG 319	Geographic Information Science	4
GEOG 414	Research and Writing	3
GEOL 103	Introduction to Physical Geology	4
2. Complete the following statistics course:		Credits
MATH 155	Modern Statistics with Computer Analysis	3
3. Complete one of the following tracks.		

General Geography Track

The General Geography Track is designed for students who wish to complete a traditional liberal arts major in geography. This track provides maximum flexibility in developing an individualized program, in consultation with a faculty advisor. The track requirements include a minimum of 15 hours, of which at least 12 hours must be at the 300/400 level and must include at least six hours in human and/or physical geography and/or geology courses at the 300/400 level. No more than one field course (GEOG 389 or 399) may count toward the 15 hours.

Atmospheric Science Track

The Atmospheric Science Track is focused on the study of atmospheric processes and is designed for students wishing to pursue a career in meteorology and/or climatology. The requirements are:

		Credits
GEOG 312	Severe and Hazardous Weather	3
GEOG 410	Meteorology	3
GEOG 412	Weather Analysis and Forecasting	3
GEOG 413	Applied Climatology	3

Complete at least two courses from the following:

		Credits
GEOG 311	Coastal Processes	3
GEOG 321	Remote Sensing of the Environment	4
GEOG 401	Soil, Water and Environment	3
GEOG 403	Environmental Hazards	3
GEOG 409	Dimensions of Climatic Change	3
GEOG 411	Geomorphology	4
GEOG 417	Water Resources	3

Physical Geography Track

The Physical Geography Track is focused on the study of all the major facets of physical geography including coursework in atmospheric science, geology, oceanography and biogeography. The requirements are:

		Credits
GEOG 311	Coastal Processes	3
GEOG 411	Geomorphology	4

Complete four of the following courses. At least one course must be a weather/climate course*:

		Credits
GEOG 312*	Severe and Hazardous Weather	3
GEOG 321	Remote Sensing of the Environment	4
GEOG 325	Conservation and Resource Management	3
GEOG 401	Soil, Water and Environment	3
GEOG 410*	Meteorology	3
GEOG 413*	Applied Climatology	3
GEOG 417	Water Resources	3
GEOL 405	Environmental Geology	4

Human Geography Track

The Human Geography Track focuses on spatial distributions of human phenomenon on the surface of the earth, including urban, economic, political and environmental processes and activities. The requirements are

	Credits
GEOG 100 Introduction to Human Geography	3
or	
GEOG 101* World Geography: Europe and Asia	3
or	
GEOG 102* World Geography: Africa and the Americas	3
GEOG 308 Principles of Planning	3
GEOG 325 Conservation and Resource Management	3
GEOG 327 Political Geography	3
GEOG 408 Seminar in Urban Theory	3
* If taking GEOG 101 or 102, student must take the one not used in the core requirements.	

Complete at least two courses from the following:

	Credits
GEOG 301 World Regions	3
GEOG 403 Environmental Hazards	3
GEOG 406 Regional Economic Development	3
GEOG 416 Smart Growth	3
GEOG 417 Water Resources	3

Geographic Information Science Track

The Geographic Information Science Track is focused on developing an understanding of the theory and application of spatial data management techniques, including geographic information systems (GIS), remote sensing and cartography. The requirements are:

	Credits
COSC 117 Programming Fundamentals	4
or	
COSC 118 Introductory Scientific Programming	4
or	
COSC 120 Computer Science I	4
GEOG 419 Advanced Geographic Information Science	4

Complete at least two courses from the following:

	Credits
GEOG 320 Cartographic Visualization	3
GEOG 321 Remote Sensing of the Environment	4
GEOG 435 GIS Programming	3

Complete two courses in human and/or physical geography at the 300/400 level.

Complete at least one course from the following:

	Credits
ART 227 Digital Design and Layout	4
COSC 220 Computer Science II	4
COSC 482 Computer Graphics	3
INFO 211 Information Systems Concepts for Management	3
INFO 386 Database Management Systems	3

Environmental and Land Use Planning Track

The Environmental and Land Use Planning track focuses on the application of physical and human geography to understand the theory of land use issues and the practice of land use planning. The requirements are:

	Credits
GEOG 308 Principles of Planning	3
GEOG 408 Seminar in Urban Theory	3

Complete at least three courses from the following:

	Credits
GEOG 328 Applied Planning	3
GEOG 402 Environmental Planning	3
GEOG 404 Rural Settlement and Land Use Planning	3
GEOG 406 Regional Economic Growth	3
GEOG 416 Smart Growth	3

Complete at least two courses from the following:

	Credits
GEOG 325 Conservation and Resource Management	3
GEOG 401 Soil, Water and Environment	3
GEOG 403 Environmental Hazards	3
GEOG 417 Water Resources	3
GEOG 405 Environmental Geology	4

Upper-Division Certificate in Geographic Information Science Fundamentals

The upper-division certificate requires at least 16 credit hours in geographic information sciences and related mapping science courses. The certificate program is designed to provide students and members of the professional community with the basic applied principles and skills in this area. Students and professionals from any major or professional orientation who need to use GIS are welcome. The requirements are:

	Credits
GEOG 219 Map Interpretation and Analysis	3
GEOG 319 Geographic Information Science	4

Complete at least three courses from the following:

	Credits
GEOG 320 Cartographic Visualization	3
GEOG 321 Remote Sensing of the Environment	4
GEOG 419 Advanced Geographic Information Science	4
GEOG 435 GIS Programming	3

Checklist

For a major checklist visit www.salisbury.edu/checklists.

MATHEMATICS

Department of Mathematics and Computer Science
www.salisbury.edu/mathcsc

Dr. Donald E. Spickler, Chair
410-543-6140

All students must complete the following mathematics major core:

	Credits
MATH 201 Calculus I	4
MATH 202 Calculus II	4
MATH 210 Introduction to Discrete Mathematics	4
MATH 213* Statistical Thinking	3
MATH 214* Statistics Laboratory	1
MATH 306 Linear Algebra	4
MATH 310 Calculus III	4
COSC 117 Programming Fundamentals	4
or	
COSC 120 Computer Science I	4
*Students who take MATH 213 must take MATH 214 concurrently.	

Students then complete their major in one of six ways: traditional option, applied option, actuarial science track, computational mathematical sciences track, statistics concentration or teacher certification. By proper choice of electives, it is possible to complete both the traditional option and the applied option without additional credit hours. (See the department for appropriate checklists and advisement.) All required mathematics and computer science courses, including prerequisite courses, must be completed with grades of C or better. Some concentrations or tracks may accept the nontraditional courses MATH/COSC 380, 390, 495, but in no case may more than one or the repetition of one count toward the requirements for the major in mathematics.

Traditional Option

In addition to completing the mathematics major core, students must complete these three courses:

	Credits
MATH 311 Differential Equations I	4
MATH 441 Abstract Algebra I	3
MATH 451 Analysis I	3

Students also must complete a two-semester sequence at the 400-level by taking one of the following:

	Credits
MATH 414 Mathematical Statistics II	3
MATH 442 Abstract Algebra II	3
MATH 452 Analysis II	3

In addition, students must take four more upper-level MATH electives, at least three at the 400 level.

Applied Option

In addition to completing the mathematics major core, students must complete these three courses:

	Credits
MATH 311 Differential Equations I	4
MATH 413 Mathematical Statistics I	3
MATH 451 Analysis I	3

Students must also complete a two-semester sequence at the 400-level by taking one of the following:

	Credits
MATH 414 Mathematical Statistics II	3
MATH 452 Analysis II	3

Students must study the application of mathematics by completing two of these courses:

	Credits
MATH 460 Operations Research	3
MATH 465 Mathematical Models and Applications	3
MATH 471 Numerical Methods	3
MATH 475 Dynamics and Chaos	3
MATH 493 Advanced Topics in Statistics	3

In addition, students must take two upper-level MATH electives, one of which is at the 400 level.

Actuarial Science Track

In addition to completing the mathematics major core, students must complete these 10 courses:

	Credits
ACCT 201 Introduction to Financial Accounting	3
ECON 211 Micro-Economics Principles	3
ECON 212 Macro-Economic Principles	3
FINA 311 Financial Management	3
FINA 312 Risk Management and Insurance	3
MATH 215 Introduction to Financial Mathematics	4
MATH 314 Intermediate Applied Statistics	3
MATH 413 Mathematical Statistics I	3
MATH 414 Mathematical Statistics II	3
MATH 415 Actuarial and Financial Models	4

Students must also take one additional 400-level mathematics course

Computational Mathematical Sciences Track

In addition to completing the mathematics major core, students must meet the following 10 courses:

	Credits
COSC 117 Programming Fundamentals	4
COSC 120 Computer Science I	4
COSC 220 Computer Science II	4
COSC 320 Advanced Data Structures and Algorithm Analysis	4
COSC 362 Theory of Computing	3
COSC 420 High-Performance Computing	4
MATH 311 Differential Equations	4
MATH 471 Numerical Methods	3
MATH 472 Numerical Linear Algebra	3
MATH 475 Dynamics and Chaos	3

Students must also complete two additional upper-level COSC courses or 400-level MATH courses. COSC 380, COSC 390 and MATH 495 do not satisfy this requirement.

Student must complete one of the following field experiences:

	Credits
MATH/ COSC 380 Internship	3
MATH/ COSC 390 Undergraduate Research Project	3
MATH 495 Directed Consulting	3

Computer Science Concentration

PLEASE NOTE: The Computer Science Concentration has been suspended. The status of the program is in review. New students will not be admitted into the program during the period of suspension.

In addition to completing the mathematics major core, students must meet the following requirements:

Complete the following courses:

	Credits
COSC 220 Computer Science II	4
COSC 250 Microcomputer Organization	4
COSC 320 Advanced Data Structures and Algorithm Analysis	4
COSC 362 Theory of Computation	3

Complete either of the following pairs of courses:

	Credits
COSC 425 Software Engineering I	3
and	
COSC 426 Software Engineering II	3
or	
COSC 350 Systems Software	4
and	
COSC 450 Operating Systems	3

Complete two additional upper-level MATH or COSC elective courses.

Complete three additional upper-level MATH elective courses, two of which must be at the 400 level.

NOTE: COSC/MATH 380, 390 (taken for at least three credits) and 495 may be used to satisfy at most one of the upper-level COSC or MATH electives.

Statistics Concentration

In addition to completing the mathematics major core, students must meet the following requirements:

Complete the following courses:

	Credits
MATH 313 Survey Design and Sampling	3
MATH 314 Intermediate Applied Statistics	3
MATH 411 Design and Analysis of Experiments	3
MATH 413 Mathematical Statistics I	3
MATH 414 Mathematical Statistics II	3
MATH 493 Advanced Topics in Statistics	3
MATH 3XX Math Elective	3
or	
MATH 4XX Math Elective	3
MATH 4XX Math Elective	3

MATH 380/390/495 may not be used to satisfy the above electives.

Satisfy one of the following field experiences:

	Credits
MATH 380 Internship	3
MATH 390 Undergraduate Research Project	3
MATH 495 Directed Consulting	4

Teacher Certification

Mathematics students will be certified to teach mathematics at the secondary level by completing the mathematics major core and by fulfilling the following requirements:

Complete five upper-level courses as follows:

	Credits
MATH 406 Geometric Structures	3
MATH 430 Mathematical Connections for Secondary School Teachers	4
MATH 441 Abstract Algebra I	3
MATH 451 Analysis I	3
MATH 460 Operations Research	3
or	
MATH 465 Mathematical Models and Applications	3

Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 320 Technology in Mathematics Education	3
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 373 Mathematics and Reading Methods in the Middle and High School Part I	4
SCED 473 Mathematics and Reading Methods in the Middle and High School Part II	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2

* Students are required to follow the University calendar with respect to attendance in SCED 433.

Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

General Information

Prerequisites

Three units of high school mathematics (including Algebra II and geometry) or college algebra is a prerequisite for all other math courses.

Students may not receive credit for math courses which are prerequisites for or equivalent to math courses for which they have already received native or transfer credit.

No course may be taken until all prerequisite courses have been completed with grades of C or better.

Transfer Students

Transfer students majoring in mathematics are required to complete at least 12 hours of upper-level courses in mathematics with grades of C or better at Salisbury University.

Departmental Honors

To qualify for departmental honors, a student must meet all of the following criteria:

Academics

1. The student must qualify for institutional honors (cum laude or better).
2. The student must complete at least 18 hours of upper-division courses in mathematics and/or computer science at Salisbury University.
3. The student must earn a cumulative GPA of at least 3.75 in all upper-level courses in mathematics and/or computer science taken at Salisbury University.

Research

1. The student must assemble an Honors Advisory Committee consisting of an advisor and two additional faculty members. This committee must be approved by the department chair. The advisor must be on the faculty of the Department of Mathematics and Computer Science.
2. The student must write an honors thesis. This thesis must consist of original research in a subject area approved by the thesis committee.
3. The student must give a presentation of his/her research to the Department of Mathematics and Computer Science.
4. The student must be approved for departmental honors by an absolute majority of the Department of Mathematics and Computer Science faculty. (An "absolute majority" requires that the number of "yes" votes minus the number of "no" votes is not less than half of the total number of faculty voting, counting abstentions.) The faculty will make this decision based on both the student's written thesis and the student's research presentation.

Contact the Mathematics and Computer Science Department for additional information.

Checklist

For a major checklist visit www.salisbury.edu/checklists.

MEDICAL LABORATORY SCIENCE

Department of Health Sciences

www.salisbury.edu/healthsci/medtech

Dr. Diane Davis, Program Director

410-548-4787

The program consists of a basic two-year curriculum of General Education experience and support courses in the biological and physical sciences (lower-division core) followed by two years of professional instruction and training (upper-division core). A total of 120 credit hours is required for graduation in medical laboratory science.

General Information

In their junior and senior years, students must register for and satisfactorily complete three semesters of didactic study, a senior winter term of clinical rotation and a semester of full-time clinical experience at approved clinical affiliates of the program located primarily throughout Maryland and lower Delaware. Students are responsible for the cost of admission exam, the cost of background check and drug testing prior to clinical placements, registration fees for fall and spring semesters and winter term, and for registration fees, housing, meals and transportation during the winter term and clinical experience semester. In addition, it is each student's responsibility to have all appropriate vaccinations and tests, including the hepatitis B vaccine, and a physical examination performed by a qualified clinician during the senior year prior to clinical rotations.

Placement and progression in courses are determined by program policies. For detailed policies, consult the program handbook, available in the office of the program director.

Major requirements completed seven years prior to admission must be updated in a manner acceptable to NAACLS. Evaluations will be performed on an individual basis.

Advanced standing will be granted to those individuals who meet acceptable criteria of the University. Applicants who hold certification as medical laboratory technicians may be offered advanced status. Methods include CLEP, transfer of academic credit from accredited institutions and credit for prior life and work experiences.

Students should consult regularly with their advisors when developing their individual program plans and selecting courses. Transfer students and medical laboratory technicians should seek individual advisement from the program to prevent duplication of coursework and/or experiences.

1. Required courses must be completed with a grade of "C" or better:

	Credits
BIOL 211 Microbiology	4
BIOL 215 Anatomy and Physiology I	4
BIOL 216 Anatomy and Physiology II	4
CHEM 121 General Chemistry I	4
CHEM 122 General Chemistry II	4
ENGL 103 Composition and Research	4
MATH 155 Modern Statistics with Computer Analysis	3

2. Complete the following program courses with the grade of "C" or better:

	Credits
MDTC 101 Safety in the Biological, Chemical and Clinical Laboratory	1
MDTC 300 Principles of Medical Laboratory Science	4
MDTC 301 Hematology I	4

MDTC 311	Clinical Microbiology I	4
MDTC 331	Diagnostic Immunology	4
MDTC 341	Clinical Biochemistry I	5
MDTC 401	Hematology II	4
MDTC 402	Hematology III	3
MDTC 403	Urine and Body Fluid Analysis	1
MDTC 411	Clinical Microbiology II	4
MDTC 412	Clinical Microbiology III	3
MDTC 413	Clinical Immunology	1
MDTC 431	Introduction to Transfusion Services	3
MDTC 432	Clinical Practice in Transfusion Services	3
MDTC 441	Clinical Biochemistry II	4
MDTC 442	Automated Clinical Chemistry	2
MDTC 443	Special Clinical Chemistry	3
MDTC 461	Organization and Management of the Laboratory	2
MDTC 471	Clinical Seminar	1

► Pre-health Professional Preparation

Students pursuing pre-health options such as pre-medicine need to take courses that meet requirements for specific schools. Selection of courses should be coordinated with the Health Professions Advising Program (HPAP) of the Henson School of Science and Technology. These advisors can assist students in meeting these specific requirements. Please see the Pre-professional Programs section of this catalog for more information.

► Upper-Division Professional Program

Admission to the Medical Laboratory Science (MLS) Professional Program is a two-step process which includes both admission to Salisbury University and acceptance into the upper-division professional program. Admission to Salisbury University does not guarantee acceptance to the upper-division professional program as space is limited each year. Students should declare a major in MLS early in their academic careers to assure appropriate advisement. Decisions regarding acceptance occur during the spring semester prior to the start of fall classes, usually by mid-March in time for program planning. Due to course sequencing, students must begin the upper-division program in the fall semester only.

► Admission to the Upper-Division Professional Program

Application to the upper-division professional program should occur in spring of the sophomore year. Admission decisions are based on satisfactory completion of the lower-division core as well as on professional and technical aptitude for the field. Students should be aware that there are physical, mental and emotional demands in the field. A description of the essential functions required by the program is available on the department website (www.salisbury.edu/healthsci/MEDTECH). Space is limited; therefore, satisfactory completion of the lower-division requirements does not guarantee admission to the upper-division program.

Students wishing to be considered for admission to the professional program must do the following:

1. Complete ENGL 103 (catalog prior to Fall 2008: ENGL 101 and 102) with a grade of C or better.
2. Earn a minimum 2.3 cumulative grade point average when calculating all undergraduate coursework taken at all institutions. This includes transfer courses.
3. Successfully complete the following with grades of C or better and earn a GPA of at least 2.3 in these courses: General Chemistry I and II (CHEM 121 and 122), Anatomy and Physiology I and II (BIOL 215 and 216), General Microbiology (BIOL 211) and Modern Statistics (MATH 155).

4. Complete an application form and submit it by March 1.

Due to changing clinical site and agency regulations, SU students who accept admission to the Medical Laboratory Science Professional Program must undergo a criminal background check and drug test in order to participate in clinical rotations. Applicants are advised that if they have been convicted of a felony or have pled nolo contendere to a felony or to a crime involving moral turpitude, they may not be eligible for licensure as a Medical Laboratory Scientist. All students must sign a Notice of Possible Implications of Criminal Convictions and Required Criminal Background Checks. This form states that the student is aware of the possibility of a criminal background check and the implications for licensure if he or she has a criminal background.

► Admission Decisions

The MLS Professional Program Admission Committee reviews applications which meet the minimum admission eligibility requirements. Priority for admission into the upper-division professional program is given to students with the best grades and most prerequisite courses completed and students completing an approved articulated program. Applicants accepted into the professional program are notified in writing and their admission is contingent upon completion of any outstanding requirements by the first day of the fall term.

► Other Science Majors

Students from other science majors such as biology or chemistry are encouraged to seek permission to take courses for elective credit if they have an interest in clinical laboratory medicine when space is available. Eligibility for ASCP categorical certification in one area such as clinical microbiology, clinical chemistry or hematology can be earned by taking an approved plan of courses.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

NURSING

Department of Nursing
www.salisbury.edu/nursing

Dr. Jeffrey Willey, Chair
410-543-6401

There are four types of students who may seek an undergraduate degree (B.S.) in nursing:

1. Traditional undergraduate students (first bachelor's degree)
2. RNs with an associate's degree in nursing and no previous bachelor's degree
3. RNs with an associate's degree in nursing and an unrelated bachelor's degree
4. Second bachelor's degree students

The nursing program includes a General Education component, support courses in the natural and behavioral sciences and a series of upper-division nursing courses for a total of 120 semester hours.

Traditional Undergraduate

1. Satisfy the following support courses:

		Credits
BIOL 211	Microbiology	4
BIOL 215	Human Anatomy and Physiology I	4
BIOL 216	Human Anatomy and Physiology II	4
BIOL 217	Nutrition	3
BIOL 334	Pathophysiology (C or better required)	4
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
MATH 155	Modern Statistics	3
PSYC 101	General Psychology	4
PSYC 300	Development Psychology	4
SOCI XXX	Elective	3

2. Complete the following nursing core (C or better required for all core courses):

	Credits
NURS 310	Care of Adults I.....3
NURS 311	Adult I Clinical.....3
NURS 312	Introduction to Professional Nursing Practice3
NURS 319	Health Assessment.....3
NURS 329	Research Methods3
NURS 350	Care of Adults II3
NURS 351	Adult II Clinical3
NURS 360	Care of Children and Adolescents3
NURS 361	Care of Children and Adolescents Clinical.....2
NURS 370	Maternal-Newborn3
NURS 371	Maternal-Newborn Clinical3
NURS 380	Psychiatric-Mental Health.....3
NURS 381	Psychiatric-Mental Health Clinical3
NURS 430	Community Health3
NURS 431	Community Health Clinical3
NURS 440	Senior Seminar.....3
NURS 441	Internship.....3
NURS XXX	Nursing Elective3

► Nursing Program Admission

Students with an interest in nursing should declare nursing as their major upon application to the University. Enrollment in the nursing major is a two-step admission process—admission to the University with a separate admission/approval process to begin the upper-division nursing courses. Admission to the University does not guarantee acceptance to begin the upper-division nursing courses. Students are eligible to begin the upper-division required nursing courses upon successful completion of the admission requirements and approval by the Nursing Department Student Policies Committee. Decisions regarding acceptance to begin the upper-division nursing courses occur during the spring semester prior to the start of fall of classes, usually by March 1. Due to course sequencing students must begin the upper-division nursing courses in the fall semester only. The admission requirements and priorities are listed below.

Enrollment Requirements

1. Students in health care professions must meet certain requirements for regular physical examinations and provide evidence of immunity from communicable diseases in conformity with the recommendations for Health Care Workers provided by the Centers for Disease Control. These recommendations are subject to change. Details and updated requirements are available on the departmental website.
2. Due to changing clinical site and agency regulations, SU students who accept admission to the nursing program will be asked to undergo one or more criminal background check and drug testing in order to participate in clinical rotations. It is the students' responsibility to have the background checks and drug testing completed.

3. Current certification in cardiopulmonary resuscitation (CPR) by the American Heart Association or the American Red Cross is required. The course must be one designed for a health care provider, such as the AHA's module C course and it must require a personal skills check-off.

Admission to Upper-Division Courses

In the First Bachelor's Degree Nursing Program:

All students, including those currently enrolled at SU as well as transfer students, are considered on a competitive and space-available basis. Decisions regarding acceptance to begin upper-division nursing courses are made according to the cumulative GPA from all institutions attended, score on assessment exam and with consideration of the overall academic record. To be considered for admission to the upper-division nursing courses, current and prospective students must fulfill the following requirements.

1. Must be admitted to Salisbury University.
2. All transcripts from all previous academic institutions attended must be sent to the Admissions Office.
3. Prior to the fall semester in which students plan to begin the upper-division coursework, they must successfully complete, or have a plan to complete, all nursing prerequisite coursework with no more than one grade lower than a C (BIOL 334 must be completed with a C). The nursing prerequisite courses include: BIOL 211, BIOL 215, BIOL 216, BIOL 217, BIOL 334, CHEM 121, CHEM 122 and PSYC 300.
4. Submit the Application - First Degree Nursing Program form to the Nursing Department by February 1, indicating interest in beginning the upper-division nursing courses in the fall semester. The Request to Enroll form is available from the Nursing Department website at www.salisbury.edu/nursing or can be obtained from the department secretary (Devilbiss Hall Room 231). Again, applications are considered on a competitive and space-available basis.
5. Register for, schedule and complete the Evolve Reach Admission Assessment Exam (A2) at a Prometrics testing center. Go to www.salisbury.edu/nursing for more information.

15

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

RNs (No Previous Bachelor's Degree)

The RN-B.S. program is for RN students pursuing a B.S. as a nursing major. A total of 120 credits must be completed to earn a B.S. Upon admission to the nursing major at Salisbury University, students may receive up to 61 academic transfer credits from their associate degree program. They will therefore need to complete additional credits (as outlined below) for the B.S. At least 30 of the credits must be upper-division courses taken at SU. The prerequisite for enrollment in all nursing courses is an active unencumbered Maryland or compact RN license. Upon satisfactory completion of all prerequisite and required coursework, registered nurses with active unencumbered Maryland or compact RN licenses will be awarded 30 additional credits after completion of all required coursework at Salisbury University.

► Additional Non-Nursing Requirements

Refer to RN-to-B.S. checklist for the additional non-nursing requirements. The checklist is available from the Nursing Department and on the departmental and University checklists website.

► Required Nursing Courses

RN students are required to complete the following by enrollment (18 credits):

	Credits
NURS 319 Health Assessment (Fall)	3
NURS 329 Research Methods (Spring)	3
NURS 430 Community Health Nursing (Fall and Spring)	3
NURS 431 Community Health Nursing Practicum (Fall and Spring)	3
NURS 440 Senior Seminar (Spring)	3
NURS 441 Internship (Spring)	3
or	
NURS 442 Nursing Leadership and Management (Fall)	2
NURS 443 Nursing Leadership Practicum (Fall)	2
NURS 490 Independent Study (Fall, Spring)	2

► Nursing Elective Courses

Complete six credits from the following suggested elective courses:

	Credits
NURS 325 Life and Death Issues	3
NURS 408 Alternative and Complementary Therapies	3
NURS 456 Pharmacotherapeutics	3
NURS 458 Critical Care: A Multi-Professional Approach	3
NURS 485 School Health	3
NURS 490 Independent Study	1-6

► Maryland Articulation Agreement

A Nursing Agreement was approved by the Maryland Higher Education Commission Advisory Committee and the deans and directors of baccalaureate and associate degree programs and became effective July 2003. This replaces the 1999 model. This agreement is binding upon public colleges and schools and is voluntary for private colleges and schools in Maryland.

RN to B.S. Articulation Model: No more than half of the baccalaureate degree, with a maximum of 70 non-nursing credits will be accepted from a community college. Nursing credits will not be transferred. However, registered nurses with an active unencumbered Maryland or compact RN license are awarded a minimum of 30 nursing credits after satisfactory completion of all course work at SU.

Transfer Credits: Under the Maryland Nursing Articulation Model, credits are awarded for transferable nursing and non-nursing courses at the college level. Vocational-technical and non-college general education courses do not transfer, subject to individual college policies. No more than half the credits for a degree can be transfer credits.

– Maryland Board of Nursing Communicator, 17(2) Fall 2003.

RNs (Previous, Non-Nursing Bachelor's Degree)

An individualized program will be set up on a case by case basis.

Second Bachelor's Degree

The Department of Nursing of the Richard A. Henson School of Science and Technology offers a Second Degree Bachelor's Program for non-nursing college graduates leading to a Bachelor of Science in nursing. The curriculum, acknowledging the education, career and life experiences of the individual, requires fewer pre-requisites for the nursing courses than the basic baccalaureate nursing program of study. Students may complete the second bachelor's degree in three semesters of full-time study. They also must provide their own reliable means of transportation to various clinical sites throughout the region and are responsible for all travel expenses.

To be eligible for admission to the Second Degree Program, students must have completed a bachelor's degree from an accredited college or university. Students from all majors (including diploma or associate degree-prepared registered nurses with a baccalaureate degree in non-nursing majors) are eligible to apply for admission.

Applicants for admission to the Second Degree Bachelor's Program must first meet all University requirements and be admitted to the University by the Admissions Office. Once admitted to the University, applicants are reviewed by the Department of Nursing for admission to the Second Degree Program. Admission is competitive and is based on evaluation of the applicant's overall qualifications.

In order to be eligible for admission to the Second Degree Program, students must meet the following requirements:

- Students must have completed a bachelor's degree from an accredited college or university and have a minimum cumulative grade point average for previous academic work of 3.0 on a 4.0 scale.
- International students must demonstrate proficiency in the English language. Additional Salisbury University requirements for admission of international students must be met. All international applications will be reviewed by a University international student admissions counselor.
- Proof of completion of academic coursework with a grade of C or higher in: basic statistics, microbiology, anatomy and physiology I and II (all body systems), chemistry or physics, and pathophysiology. All prerequisite requirements must be completed no later than one month prior to the first day of class. (Failure to do so may result in losing your seat in the class). Students with grades below C in any prerequisite courses will be ineligible for admission into the second degree program. Mastery may be established by earning academic credit for course work, by successfully challenging a department exam given for the course, or by successfully passing a standardized test in the specific area of study.

NOTE: Admission to the University does not guarantee acceptance into the Second Degree Nursing Program. Enrollment in the Second Degree Nursing program is a two-step process:

- Admission to the University, and
- Approval and Admission by the Nursing Department.

Application to the Second Degree Nursing Program requires that students submit an application packet (hard copy) for consideration to the Nursing Department. This is a competitive application process and is based on an evaluation of students' overall qualifications. Eligibility and application requirements to apply for admission consideration may be found at www.salisbury.edu/nursing/SecDeg.html. All second bachelor's degree students must meet the enrollment requirements listed previously in this section.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

PHYSICS

Department of Physics
www.salisbury.edu/physics

Dr. Andrew J. Pica, Chair
410-543-6485

All required physics courses must be completed with a minimum overall GPA of 2.0. All physics majors must complete the following core:

	Credits
CHEM 121 General Chemistry I	4
CHEM 122 General Chemistry II	4
MATH 201 Calculus I	4
MATH 202 Calculus II	4
MATH 310 Calculus III	4
MATH 311 Differential Equations I	4
PHYS 221 Physics I	4
PHYS 223 Physics II	4
PHYS 225 Physics III	3
PHYS 309 Mathematical Physics	3
PHYS 311 Electrical Circuits and Electronics	4
PHYS 313 Introduction to Modern Physics	3
PHYS 314 Mechanics	3
PHYS 315 Electricity and Magnetism	3

Students can complete the physics major in one of four ways: general physics track, microelectronics track, secondary education track or the Dual Degree Engineering Transfer Program. See the department for appropriate checklists and advisement.

Transfer students majoring in mathematics are required to complete at least 12 hours of upper-level courses in physics with grades of C or better at Salisbury University.

General Physics Track

Students pursuing general physics must fulfill the following requirements beyond the physics core:

- Complete the following courses:

	Credits
PHYS 316 Quantum Mechanics	3
PHYS 407 Senior Laboratory	3
PHYS 470 Senior Seminar	1
PHYS 490 Research in Physics	2

- Satisfy three additional 300/400-level physics courses.

	Credits
PHYS 317 Astrophysics	3
PHYS 318 Semiconductor Physics	3
PHYS 319 Thermodynamics and Statistical Mechanics	3
PHYS 320 Waveoptics	3
PHYS 321 Analog Electronics	3
PHYS 322 Digital Electronics	4
PHYS 410 Advanced Math Physics	3
PHYS 413 Computer Architecture and Interfacing	3
PHYS 414 Advanced Mechanics	3
ENGR 482 Microwave Engineering	3

Engineering Physics Track

Physics majors pursuing the engineering physics track must complete the engineering physics core and select five courses from the engineering physics track in addition to the physics core:

- Complete the following engineering physics core courses:

	Credits
ENGR 100 Introduction to Engineering Design	3
ENGR 110 Statics	3
PHYS 470 Senior Seminar	1
PHYS 490 Research	2

- Complete five additional courses from the following:

	Credits
ENGR 220 Mechanics of Materials	3
ENGR 221 Dynamics	3
ENGR 232 Thermodynamics	3
ENGR 331 Fluid Mechanics	3
ENGR 409 Acoustics	3
PHYS 321 Analog Electronics	3
PHYS 322 Digital Electronics	4
PHYS 413 Computer Architecture and Interfacing	3

Microelectronics Track

Physics majors pursuing microelectronics must complete the following courses beyond the physics core:

	Credits
PHYS 316 Quantum Mechanics	3
PHYS 318 Semiconductor Physics	3
PHYS 321 Analog Electronics	3
PHYS 322 Digital Electronics	4
PHYS 413 Computer Architecture and Interfacing	3
PHYS 470 Senior Seminar	1
PHYS 475 Capstone Design Project	2

Teacher Certification

Students seeking licensure to teach physics in secondary schools must complete the following science and education requirements beyond the physics core. Students must complete all academic major requirements with grades of C or better. Students may repeat education courses only once.

	Credits
BIOL 101 Fundamentals of Biology	4
PHYS 108 Introduction to Astronomy	4
CHEM 207/	
MDTC 101 Laboratory Safety	1
GEOL 103 Introduction to Physical Geology	4
or	
GEOG 104 Earth and Space Science	4

► Pre-professional Requirements

- Complete the following pre-professional requirements with grades of C or better.

	Credits
EDUC 210 School in a Diverse Society	3
ENGL 103 Composition and Research	4
SCED 300 Development, Learning and Assessment	3

- Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

► Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

- Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.

2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

► Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

	Credits
SCED 318 Computers in Education	3
or	
SCED 319 Technology in Education	1
SCED 367 Inclusive Instruction for Secondary Teachers	3
SCED 434 Classroom Management	3
SCED 374 Science and Reading Methods in the Middle and High School Part I	4
SCED 474 Science and Reading Methods in the Middle and High School Part II	4

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration.

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete the written application for internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of these requirements from the director of field experiences.

All secondary education majors are required to pass the following:

	Credits
SCED 426 Internship in Middle or High School Education	6
SCED 428 Internship in Middle or High School Education	6
SCED 433* Reflection and Inquiry in Teaching Practice	2
(with a grade of C or better)	

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. See education advisor regarding appropriate tests and passing scores.

Dual Degree Engineering Transfer Program

The Dual Degree Engineering Transfer Program offers student the opportunity to earn both a degree in physics from Salisbury University and an engineering degree from an ABET (Accreditation Board for Engineering and Technology)-accredited engineering school. Under the program, a student normally attends SU for three years and an engineering school for two years. While at SU, a student must complete a minimum of 90 credit hours, including all required General Education courses, the physics core and appropriate engineering courses. Transfer students entering SU's dual-degree program are required to complete a minimum of 60 semester hours at SU. The dual-degree engineering student also must apply for admission and be accepted to an ABET-accredited engineering school. An additional 30 hours, including at least 15 hours in engineering or related courses, must be completed at the receiving institution and be transferred to SU to receive a physics baccalaureate degree from SU. To receive an engineering degree, additional coursework must be completed at the receiving institution according to the requirements of the engineering school attended. Please note, the completion of SU requirements does not guarantee admission into an engineering school. Additionally, it is the student's responsibility to make sure all engineering school prerequisites are met.

The courses at Salisbury University that are required for the Dual Degree Engineering Transfer Program are described in this catalog with other programs offered by the Physics Department in the Richard A. Henson School of Science and Technology.

Students in the Dual Degree Engineering Transfer Program may use credits and grades from the receiving institution as well as Salisbury University in meeting the requirements for graduating with honors.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

RESPIRATORY THERAPY

Department of Health Sciences
www.salisbury.edu/healthsci/respcaare.html

Dr. Robert Joyner, Program Director
410-543-6410

A major in respiratory therapy may be declared at any time prior to the clinical experience. However, students with a sincere interest in the profession are encouraged to declare a major early in the college experience in order to take advantage of professional advising and program planning.

Students wishing to obtain the baccalaureate degree who hold an associate degree in respiratory therapy and have earned the registered respiratory therapist (RRT) credential may apply for advanced standing in the major. Each applicant will be evaluated on an individual basis to determine class standing within the major.

Admissions Policy

Students interested in respiratory therapy should declare respiratory therapy as their major upon application to the University. Enrollment in the respiratory therapy major is a two-step process: first admission to the University with a second admission process to begin the upper-division respiratory therapy courses. Admission to the University does not guarantee acceptance to begin upper-division respiratory therapy courses.

Decisions regarding acceptance to begin upper-division respiratory therapy courses is made during the spring semester, prior to preregistration for fall classes. Upon acceptance into the Respiratory Therapy Program, students are eligible to enroll in upper-division respiratory therapy courses.

► Admission Procedures

Due to course sequencing, students must begin the upper-division respiratory therapy courses in the fall semester only. All students, including those currently enrolled at SU, as well as transfer students, are considered on a competitive and space-available basis. Decisions regarding acceptance to begin upper-division respiratory therapy courses are made according to cumulative GPA (no less than 2.3) from all institutions attended and with consideration of the overall academic record. Priority for admission into the professional program is given to students with the highest cumulative grade point average.

To be considered for admission to the upper-division respiratory therapy courses, current and prospective students must fulfill the following requirements:

1. Must be admitted to Salisbury University.
2. All transcripts from all previous academic institutions attended must be on file in the admissions office.
3. Ordinarily, students must have completed all Salisbury University General Education requirements.
4. Prior to the fall semester in which students plan to begin the upper-division coursework, they must successfully complete or have a plan to complete all respiratory therapy prerequisite coursework with no grade lower than a C. Respiratory therapy prerequisite courses include: BIOL 211, 215, 216, CHEM 121, 122, MATH 135, 155 and RESP 210.
5. Submit the Intent to Enroll form prior to February 10 of each year. This form is available on the Respiratory Therapy Program website (www.salisbury.edu/healthsci) or from the Health Sciences Department office.

Program Requirements

A total of 120 credit hours is required for the baccalaureate degree. The four-year curriculum includes General Education experiences and support courses in the biological and physical sciences as well as professional instruction and training in respiratory care.

1. Complete prerequisite science and math courses:

	Credits
BIOL 211 Microbiology	4
BIOL 215 Human Anatomy and Physiology	4
BIOL 216 Human Anatomy and Physiology	4
CHEM 121 General Chemistry I	4
CHEM 122 General Chemistry II	4
MATH 135 College Algebra	3
MATH 155 Modern Statistics	3
RESP 210 Foundation Studies in Respiratory Therapy	3

2. Complete the following program courses with the grade of "C" or better:

	Credits
RESP 301 Patient Care Procedures	4
RESP 302 Basic Respiratory Procedures/Clinical Practicum	5
RESP 303 Cardiopulmonary Physiology	3
RESP 304 Cardiopulmonary Disease	3
RESP 321 Advanced Respiratory Care	4
RESP 322 Pharmacology	3
RESP 323 Clinical Practicum II	5
RESP 400 Fundamentals of Respiratory Care Research	2
RESP 401 Neonatal and Pediatric Respiratory Care	4
RESP 402 Cardiopulmonary Diagnostics and Rehabilitation	4
RESP 403 Clinical Practicum III	5
RESP 404 Management Practices in Health Services	3
RESP 420 Respiratory Care Seminar	4
RESP 424 Critical Care Specialization	5
RESP 425 Diagnostics Specialization	4

In the final two years of the program, students must complete practical experiences at clinical affiliates such as Peninsula Regional Medical Center, Memorial Hospital at Easton or other clinical sites. Satisfactory completion of the program will qualify students to sit for the National Board of Respiratory Care entry-level and subsequent registry exams.

► Checklist

For a major checklist visit www.salisbury.edu/checklists

Graduate Programs

MASTER OF SCIENCE IN APPLIED BIOLOGY

Department of Biological Sciences
www.salisbury.edu/biology/MS_Applied_Biology.html

Dr. Dana Price, Program Director
410-543-6498

The M.S. in applied biology addresses the growing need for a technologically trained workforce with special skills in laboratory, biotech and environmental science.

The curriculum emphasizes skills development in a research setting and relates practical experiences to a strong background in theory. The department views the two-year thesis program as the principal choice for most students, especially for those who plan to continue their graduate study beyond the M.S. level. However, an optional non-thesis program and an accelerated 4+1 M.S. program for advanced undergraduates are also available. The choice of program options is made in consultation with a graduate advisor in the department.

Admission

Admission to the M.S. in applied biology at SU requires an application for graduate program admission, the application fee, official transcripts from all colleges and universities attended, the Residency/Domicile Information form (for those students applying for in-state tuition) and the following program-specific credentials:

- An undergraduate degree (in biology or related field) with a minimum cumulative GPA of 3.0 on a 4.0 point scale. In addition to coursework in biology, student transcripts should demonstrate the completion of prerequisite courses in chemistry (two courses in general chemistry and at least one semester of organic chemistry), at least one course in physics and a course in statistics.
 - Three letters of recommendation from individuals qualified to judge the applicant's potential for success in a graduate program.
 - A personal statement relating the applicant's goals and career objectives as well as research interests and potential graduate advisors in the department.
 - Scores on the general Graduate Record Exam (GRE) at or above the 50th percentile. Scores on the biology GRE are optional but if submitted will be considered in admission decisions.
 - All applicants (thesis and non-thesis) are encouraged to make contact with prospective graduate advisor(s) in the department prior to submission of an application for admission to the program. M.S. thesis students must make such contact and will not be admitted without the endorsement of a graduate advisor for their research.
 - International students are referred to additional guidelines described in the current Salisbury University catalog.
 - Students transferring to SU from other universities may receive a maximum of six transfer credits for courses in which they have earned a grade of B or better. Each course will be individually assessed for program equivalency. Determination of allowable credit for work completed elsewhere will be made at the time of admission by the director of the graduate program.
- Application materials should be received by the biology graduate program director by March 1 for full consideration.

Program Requirements

The complete program consists of 33 credit hours of graduate work, which will generally be completed in a two-year period. Two different program options are offered. These are:

- M.S. thesis
- M.S. non-thesis.

Both versions of the program include a substantial component of laboratory and/or field work and certification of an Allied Professional Skill. Graduate students must maintain a 3.0 GPA each semester. Students who earn a C will be required to meet with the departmental Graduate Committee. A student who earns a second grade of C will be dismissed from the program. Any grade of D or lower will result in dismissal from the program.

► Core Courses

Complete at least two (six hours) of the four core courses below:

	Credits
BIOL 501 Modern Concepts in Biology	3
BIOL 502 Biology and Environment	3
BIOL 575 Modern Molecular Biology	3
MATH 5XX Statistics	3

► Thesis Option

Complete the core courses (six hours) and 27 additional hours:

	Credits
BIOL 515 Research in Biology	12
BIOL 601 Thesis Preparation	3
BIOL XXX Graduate Elective Courses*	12

► Non-Thesis Option

Complete the core courses (six hours) and 27 additional hours:

	Credits
BIOL 515 Research in Biology	6
BIOL XXX Graduate Elective Courses*	21

► Graduate Electives*

Core courses also may be used to complete this requirement.

	Credits
BIOL 500 Wetland Ecology	4
BIOL 503 Contemporary Cell Biology	3
BIOL 504 Perspectives in Modern Genetics	3
BIOL 505 Ornithology	4
BIOL 507 The Biology of Fishes	3
BIOL 510 Estuarine Biology	3
BIOL 513 Entomology	4
BIOL 521 Mammalogy	4
BIOL 522 Vertebrate Physiology	4
BIOL 525 Toxicology	3
BIOL 530 Plant Physiology	4
BIOL 533 Environmental Microbiology	4
BIOL 535 Evolutionary Biology	3
BIOL 540 Contemporary Genetics	4
BIOL 545 Virology	3
BIOL 550 Internship in Biology	1-3
BIOL 552 Advanced Human Physiology/Pathophysiology	3
BIOL 560 Biology of Cell Membranes	3
BIOL 565 Advanced Cell Biology	3
BIOL 590 Special Topics in Biology	1-4

► Allied Professional Skills Requirement

Students completing the M.S. in applied biology must demonstrate their applied expertise by developing proficiency in an Allied Professional Skill. Allied Professional Skills include computer programming, geospatial analysis, foreign language, technical writing, etc. The choice of Allied Professional Skill is left to the student in consultation with the advising committee. Skills should be relevant to the student's research or career goals, should be chosen early in the student's program of study and are subject to approval of the Graduate Advisory Committee.

Allied Professional Skills must be certified by the completion of a course or by written certification from a faculty member who is expert at the skill chosen. If a course of instruction is necessary for certification of an Allied Professional Skill, the credits earned in that course may not be counted toward the number required for graduation. Students who develop their applied proficiency through directed study may register for a two-credit course: BIOL 590 Topics: Allied Professional Skill.

M.S. in Applied Biology 4+1 Program

The accelerated M.S. program in applied biology is designed to provide exceptional Salisbury University undergraduates of high ability and achievement the opportunity to begin their graduate studies during their senior year. The purpose of the accelerated program is two-fold. It recognizes excellence in undergraduate research by allowing that work to

form the basis of a graduate master's in biology, and it enables the excellent student to complete both the B.S. biology and M.S. applied biology programs in approximately five years.

Students currently enrolled as undergraduates at SU are eligible to apply for the accelerated program during their junior year provided that they:

- have a 3.30 GPA at the end of the semester during which they apply,
- have engaged in significant undergraduate research with a faculty advisor who can endorse their application for admission to the program,
- meet all the requirements, including prerequisite course work, for post-graduate admission to the program by the end of the semester in which they are applying for admission to the accelerated program.

For students accepted into the accelerated program, up to nine credits of graduate course work may be taken during the senior year and applied to both the B.S. and M.S. programs.

MASTER OF SCIENCE IN APPLIED HEALTH PHYSIOLOGY

Department of Health Sciences
www.salisbury.edu/ahph

Dr. Randy Insley, Program Director
410-543-6409

The Master of Science (M.S.) in applied health physiology (AHPH) is a professional degree program designed to prepare leaders in the fields of health care/wellness and fitness. The program offers three possible areas of focus: cardiovascular/pulmonary rehabilitation, strength and conditioning, and fitness/wellness. The program provides academic preparation for students seeking certification by the American College of Sports Medicine as exercise specialists or by the National Strength and Conditioning Association as Certified Strength and Conditioning Specialists (CSCS). The academic coursework prepares students for careers in health care settings such as hospitals, youth and geriatric centers, state and local health departments, corporate wellness programs, personal trainers, and strength and conditioning coaches for sports teams. The academic and clinical faculty members provide multiple opportunities for hands-on experience in addition to traditional classroom interactions. Visit the applied health physiology website at www.salisbury.edu/ahph.

► Admission

A. Admission to the Master of Science (M.S.) in applied health physiology at SU requires:

- Completion of a baccalaureate degree with a minimum GPA of 3.0 on a 4.0 scale. Applicants with a cumulative GPA between 2.75 and 2.99 may be considered.
- Completion of an application for graduate studies.
- Payment of the application fee.
- Submission of official transcript(s) from all colleges/universities attended.
- Two academic letters of recommendation.
- One-page personal letter stating career goals(s).

- For international students, the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) is required. Contact program for further information.
- Completion of the Graduate Record Exam (General) and results presentation to AHPH admissions faculty member for advisement.
- To satisfy internship site-specific requirements before internship, student should anticipate providing proof of:
 - recent tuberculin skin test; proof of immunity to measles, mumps, rubella; documentation of hepatitis B vaccination; proof of in-season influenza vaccination; and a current physical examination.
 - professionally obtained background investigation
 - professionally obtained drug screening
 - professional liability insurance

B. Prerequisite undergraduate coursework for all candidates includes:

- Human Anatomy and Physiology (eight credit hours, e.g. BIOL 215 & 216)
- Exercise Physiology (four credit hours, e.g. EXSC 332)
- Stress Testing and Exercise Prescription (four credit hours, e.g. EXSC 481)
- Kinesiology or Biomechanics (four credit hours, e.g. EXSC 333)

Please Note:

- Equivalent transfer (from another institution) coursework will be evaluated for satisfying prerequisites prior to admission. Students lacking prerequisite coursework may be granted provisional admission by agreeing to complete prerequisite coursework within the first year of the program.
- A Residency/Domicile Information Form needs to be completed for in-state tuition status.

► Registration for Courses

Students in the AHPH program register for all courses using the Salisbury University schedule of course offerings.

Program of Study

The Master of Science (M.S.) in applied health physiology requires the completion of 42 credit hours, of which a minimum of 33 credit hours are earned at Salisbury University. The program must be completed with a cumulative grade point average no lower than 3.0, with no more than six credit hours below a grade of B and no grade lower than a C. A maximum of two course repetitions for the purpose of grade improvement is allowed. Students whose cumulative grade point average falls below 3.0 will be placed on academic probation according to University policy.

Program requirements are as follows:

► Required Courses (42 credit hours)

	Credits
AHPH 502 Introduction to Research (recommended)	3
or	
NURS 544 Quantitative Research in Health Care	3
AHPH 512 Performance: Theory and Practice	3
AHPH 514 Muscle Physiology	3
AHPH 532 Exercise Metabolism	3
AHPH 542 Comprehensive Weight Management	3
AHPH 544 Essentials of Pharmacology	3
AHPH 545 Cardiopulmonary Physiology	3
AHPH 546 Special Populations Interventions	3
AHPH 553 Applied Clinical Physiology	3

AHPH 557	Applied Cardiopulmonary Physiology.....	3
AHPH 559	Research in Physiology	3
AHPH 692	Internship I	3
AHPH 693	Internship II.....	3
MATH 502	Applied Statistics	3

► Electives

		Credits
AHPH 513	Exercise and Strength Training for Rehabilitation	3
AHPH 515	Applied Strength Conditioning	3
AHPH 534	Human Psychophysiology	3
AHPH 562	Trends and Issues in Physiology	3
AHPH 590	Selected Topics in Applied Health Physiology	3

MASTER OF SCIENCE
IN GEOGRAPHIC INFORMATION
SYSTEMS MANAGEMENT

Department of Geography and Geosciences
www.salisbury.edu/geography/msgism

Dr. Michael S. Scott, Program Director
410-543-6456

The Master of Science in geographic information systems (GIS) management is designed to provide a theoretical and applied experience in administering and managing a GIS in a government, business or non-profit organization. To this end, the program also focuses on enhancing the GIS proficiency of professionals working in these areas to support their management objectives. With such experience, these professionals will be well equipped to fully integrate and advance the use of this new technology in their work environments.

This master's program is targeted at working professionals who could not or did not acquire an in-depth GIS background as part of their primary training and yet are expected to interact with GIS professionals and technicians as part of their job. The program is designed to meet students' needs while they continue to hold their professional position. Thus, the entirety of the program is offered online.

► Admission

Admission to the Master of Science in geographic information systems management (GISM) requires that the Application for Graduate Program Admission, application fee, transcripts from all colleges attended and Residency/Domicile Information form (if applying for in-state tuition as a Maryland resident) be submitted to the Office of Admissions. When the application and required transcripts arrive in the Office of Admissions, the application files are sent to the M.S. GISM program coordinator for admission consideration. Applicants must also submit an application directly to the M.S. GISM program with the following requirements:

1. An official transcript as evidence of completion of an earned baccalaureate degree from an accredited institution
2. Successful completion of undergraduate coursework in mathematics (college-level algebra or above) and elementary statistics
3. A professional resume showing:
 - a. At least two years of management or technical experience working in a professional capacity in business, government or non-government organizations

- b. Knowledge of and recent (within the last three years) professional experience using GIS software, demonstrated by
 - i. At least one year or more of professional GIS experience or
 - ii. At least two semesters of geographic information science courses or
 - iii. Some combination of professional GIS experience and formal coursework
4. Three academic and/or professional recommendations addressing the applicant's qualifications to do graduate work
 5. A personal statement of about 500 words that describes the applicant's goals related to the pursuit of this graduate program of study and to his/her overall career.
 6. Fulfillment of the University requirements for international students as outlined in this catalog.

► Provisional Admission

Students without significant professional experience may be admitted provisionally if they have had an internship involving management experience, and/or have completed some combination of upper-division or graduate-level courses in human geography, land-use planning, GIS, public administration, business administration or government. Students seeking provisional admission are expected to submit acceptable results from the Graduate Record Examination (GRE). If the applicant does not meet the GIS experience requirement, they may be admitted provisionally and be required to make up the deficiency by completing leveling courses.

Provisionally admitted students who complete GEOG 519 and POSC 540 with no grade below a B are converted to full admission status.

► Program of Study

The Master of Science in GIS management requires the completion of at least 34 credit hours, of which at least 21 credit hours are earned at Salisbury University. The program must be completed with a cumulative average of a B (3.0) or higher, with no more than six credit hours below a grade of B and no grade lower than a C. The curriculum has a common set of core courses (25 credit hours) and allows for elective courses in professional areas of specialization (at least nine credit hours).

The master's degree program can be completed in 13 months with full-time study. Part-time study leading to the degree is also available. All courses are offered online only.

Courses in technology management (TMAN) are offered online to SU students by the University Maryland University College (UMUC). TMAN courses are taken via inter-institutional registration (see the "Inter-Institutional Registration" section of the Graduate Student Information chapter of this catalog for more information) and are treated as credits earned at SU. Upon entering the M.S. GISM program, students work closely with the program director to identify which electives meet their educational goals and are guided through the inter-institutional registration process.

Program requirements are as follows:

		Credits
GEOG 519	Advanced Geographic Information Science.....	4
POSC 540	Public Administration	3
INFO 686	Database Processing and Management	3
GEOG 619	Managing GISystems	3
GEOG 630	GISystems and Public Administration	3
GEOG 640	GISystems Co-operative Experience	6
GEOG 650	Capstone GISystems Seminar	3

2. Complete nine credit hours in elective courses chosen from the following:

		Credits
INFO 615	Project Management	3
GEOG 550	Topics in Geography: Leadership in GIS Organizations	3
TMAN 611	Principles of Technology Management.....	3
TMAN 614	Strategic Management of Technology and Innovation	3
TMAN 625	Economics and Financial Analysis for Technology Managers	3
TMAN 632	Organizational Performance Management.....	3
TMAN 633	Managing People in Technology Organizations.....	3

MASTER OF SCIENCE IN
MATHEMATICS EDUCATION

Department of Mathematics and Computer Science and
Department of Education Specialties
www.salisbury.edu/mathcosc/GradPrograms

Dr. Jennifer Bergner, Program Director
410-677-5429

Dr. Randall E. Groth, Education Specialties Liaison
410-677-5061

The Master of Science in Mathematics Education (M.S.M.E.) is a professional degree offered cooperatively by the Department of Education Specialties and the Department of Mathematics and Computer Science. The program is designed for candidates seeking advanced preparation in the teaching of mathematics in the middle and secondary schools. The curriculum includes fundamental, theoretical and practical experiences within mathematics and education. The M.S.M.E. program promotes continuing professional development and lifelong learning for teachers and mathematics education leaders. This is consistent with the recognition that capable and confident mathematics educators are necessary for all levels of mathematics instruction.

General objectives are as follows:

1. Provide candidates with an opportunity for personal and professional growth through graduate study in mathematics and in education.
2. Provide mathematics classroom teachers and mathematics educational specialists with an opportunity to develop and improve competencies in mathematics and mathematics education.
3. Provide mathematics educators with an opportunity for additional preparation needed for professional development and career advancement.

► Admission

Candidates who indicate on their application for graduate program admission form that they wish to pursue the Master of Science in Mathematics Education (M.S.M.E.) will be assigned an advisor in the Mathematics and Computer Science Department and an advisor in the Education Specialties Department and will receive M.S.M.E. application materials. Admission to the M.S.M.E. at SU requires an application for graduate program admission, the application fee, official transcripts from all colleges and universities attended. The Residency/Domicile Information form (if applying for in-state tuition as a Maryland resident) must be submitted to the Office of Admissions. The following additional application documents and requirements specified by the two collaborating departments must be sent to the Department of

Mathematics and Computer Science:

1. Submit a written description of the reasons for pursuing graduate study in mathematics education and a statement of career goals within the discipline.
2. Submit two letters of recommendation supporting the ability to succeed in graduate study.
3. Complete and submit a plan of study signed and approved by the advisor.
4. Possess an undergraduate cumulative GPA of 2.75 or a previously completed master's degree from a regionally accredited institution of higher learning.

Following the review of these materials, the program director formally notifies candidates of admission or denial into the program.

Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the two collaborating departments' graduate program directors.

► Provisional Admission

Candidates who have submitted all application materials but have not obtained a 2.75 cumulative grade point average upon the completion of baccalaureate degree may be admitted on a provisional basis. Provisionally admitted candidates must complete nine credit hours of graduate study at SU with no grade below B.

Upon successful completion of nine credit hours candidates may apply for full admission to the M.S.M.E. program. Following the review of application materials, the program director formally notifies candidates of admission or denial into the program.

Candidates who do not meet the provisional admission of achieving nine credit hours with grades of B or above are not eligible to apply for admission into the M.S.M.E. program.

To assist candidates who are provisionally admitted, an advisor will be assigned. Candidates are expected to meet with their advisors to clarify program requirements and to assure that courses for which they register will be appropriate for their programs of study.

► Program of Study

Prior to admission to the M.S.M.E. program and registration for courses, it is the candidate's responsibility to become familiar with the program requirements and to confer with assigned faculty advisors to develop programs of study. The program of study identifies core courses, courses in the specific tracks the candidate will follow, recommended electives and the intended capstone experience. Advisors must approve candidates' programs of study. Program changes must also be approved by advisors.

► Course Requirements

Candidates seeking the M.S.M.E. at Salisbury University must complete an approved program of study including at least 33 semester hours of graduate credit (a minimum of 24 hours completed at SU) with a cumulative GPA of 3.0 or higher, with no grade lower than a C, and no more than six credit hours of C or C+.

The M.S.M.E. program consists of 12 semester hours of education courses, 12 hours of mathematics courses in either the Middle School Track or High School Track, six hours of electives and three hours in a capstone experience.

► Education Courses (12 semester hours)

The curriculum is planned to emphasize mathematical teaching and learning within a context of research, scholarship and practice. Required courses are:

	Credits
EDUC 502 Introduction to Research	3
EDUC 504 Diversity in a Democracy	3
EDUC 545 Learning and Instruction	3
EDUC 506 Seminar in Teaching Mathematics	3

► Tracks

In addition to completing the courses in education, M.S.M.E. students select either the Middle School Track or the High School Track. The candidate must complete the required mathematics courses for the track chosen. The required courses in both tracks are linked to the core learning goals in algebra, geometry and data analysis.

Middle School Track

(12 semester hours required)

Complete the following:

	Credits
MATH 545 Conceptual Algebra for Teachers	3
or	
MATH 555 The Cartesian Triad	3
(departmental approval required)	
and	
MATH 566 Geometry: From Euclid to Modern Day	3
MATH 503 Data Analysis	3
and	
MATH 501 Number Theory from a Multicultural and Historical Perspective	3
or	
MATH 565 Mathematical Modeling for Middle School Teachers	3

High School Track

(12 semester hours required)

Complete all of the following:

	Credits
MATH 507 Seminar: Algebra	3
MATH 508 Seminar: Geometry	3
MATH 500 Foundations of Number Theory	3
MATH 502 Applied Statistics	3

► Electives (6 semester hours)

The two elective courses may be taken from the graduate offerings in education, mathematics or science. See graduate advisors for recommended electives for each track. Recommended electives are listed on the checklist for the program.

► Capstone Courses (3 semester hours)

All candidates for the M.S.M.E. will complete a capstone experience.

	Credits
EDUC 595 Research Seminar: Mathematics Education	3

MASTER OF SCIENCE IN NURSING

Department of Nursing

www.salisbury.edu/nursing/SalisburyNursing.html

Dr. Lisa Seldomridge, Program Director

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Graduate education in nursing builds upon generalized preparation at the undergraduate level and previous experience in nursing. Graduate nursing education provides advanced preparation and knowledge in specialized areas of nursing. Salisbury University offers a master's program with tracks preparing students for roles as health care leaders and clinical nurse educators.

Students seeking the Master of Science in nursing must complete an approved program of study, including 35-36 semester hours of graduate credit.

All graduate nursing students must complete a core of courses that prepares them for evidence-based advanced nursing practice. Core courses include Epidemiology (NURS 515), Qualitative Research (NURS 542), Quantitative Research (NURS 544), Advanced Statistics (MATH 502) and completion of a capstone/thesis/internship requirement. Each track then has additional required courses specific to the track.

Master of Science Program

► Admission

Admission to the master's program requires acceptance to the University for graduate study, as well as acceptance into the Master of Science (Nursing) Program. Admission to the program is a competitive process, and the following required items will be considered individually as the final applicant selections are made.

- B.S. in nursing from a nationally accredited program with a cumulative GPA of 3.0 or higher (except eligible RN-to-M.S. students)
- Current and active United States Registered Nursing (RN) license
- Official transcripts from all colleges and universities attended
- Current resume or curriculum vitae
- One-two page narrative describing academic and professional goals
- Two academic or professional references/letters of recommendation
- Residency/Domicile Information form (for those students applying for in-state tuition)
- Fulfillment of University requirements for international students as outlined in the catalog
- Completion of an interview by the Graduate Program director, department chair or members of the Graduate Program Committee

Clinical experience is not required, but students are encouraged to work in professional nursing roles during summers and semester breaks.

► Nursing Enrollment/Program Requirements

After acceptance into the nursing program and prior to beginning the program, students must provide documentation of the following:

- Students in health care professions must meet certain

requirements for regular physical examinations and provide evidence of immunity from communicable diseases in conformity with the recommendations for Health Care Workers provided by the Centers for Disease Control. These recommendations are subject to change. Details and updated requirements are available on the departmental website.

- Due to changing clinical site and agency regulations, SU students who accept admission to the nursing program will be asked to undergo one or more criminal background checks as well as drug testing in order to participate in clinical rotations. Costs associated with the criminal background checks and drug testing will be assumed by the student
- Current certification in cardiopulmonary resuscitation (CPR) by the American Heart Association or the American Red Cross. The course must be one designed for a health care provider, such as the AHA's module C course and it must require a personal skills check-off.
- Evidence of current RN licensure in the state of Maryland, a compact state or the state in which the student is currently practicing.

► Progression Requirements

Master's students in the Department of Nursing must achieve a grade of B or better in all Thesis, Internship and Capstone courses (NURS 590, 592 and 593-595) and all nursing courses that are considered to be practicum courses. These courses include: NURS 511, NURS 516, NURS 558, NURS 559, NURS 562, NURS 572, NURS 574 and NURS 592. In graduate courses that are not practicum courses, the student may receive no more than one grade below a B. Students who receive a grade lower than a B in any course may repeat one course one time in order to achieve a better grade. Students whose cumulative grade point average falls below a 3.0 in any semester will be placed on academic probation according to University policy.

Students must also:

- Maintain a valid license as a registered nurse in the state of Maryland or a compact state. If a clinical site is in a non-compact state, additional R.N. licensure for that state is necessary.
- Maintain current clinical and health requirements.

► Program of Study

A minimum of 35-36 semester hours is required in the prescribed sequence according to the track selected for the master's degree. Depending on the track selected, a minimum 21 of these semester hours must be completed at SU. Preparation for advanced practice roles is offered in the following tracks: health care leadership (HCL) and nurse educator (NE). Graduates of the CNE track are eligible to take the National League for Nursing (NLN) Certified Nurse Education examination.

The time required for completion of the master's-level program depends on the individual students' course load, the selected academic track and the course-offering rotation schedule. Generally, the master's degree can be completed in two to three academic years. Part-time or full-time options are available for most semesters. The master's curriculum is comprised of core courses, taken by students in all tracks, and specialty courses, depending on the selected track.

Requirements are as follows:

1. All M.S. nursing students must complete the following courses:

	Credits
NURS 515 Epidemiology	3
NURS 542 Qualitative Research in Health Care	3
NURS 544 Quantitative Research in Health Care	3
MATH 502 Applied Statistics	3
NURS 590 Thesis	3
or	
NURS 592 Internship	3
or	
NURS 593 Capstone I: Proposal	1
and	
NURS 594 Capstone II: Implementation	1
and	
NURS 595 Capstone III: Dissemination	1

2. Complete the required courses in one of the specific master's nursing tracks.

RN to Master's (No Previous Bachelor's Degree)

The RN to master's program is for RN students wishing to pursue a master's degree in nursing in the family nurse practitioner, clinical nurse educator or health care leadership track. The prerequisite for enrollment in this program is an active unencumbered Maryland or compact RN license. Upon admission to the nursing major at Salisbury University, students may receive up to 60 academic transfer credits from their associate degree program. After completing all non-nursing requirements for RN to M.S. students and 12 of the 18 nursing credits required, students having a GPA of 2.75 or greater may apply to the graduate nursing program. If accepted, and after completion of the remaining six required nursing credits, students will take the 12 credits of graduate core courses (rather than 12 credits of SU nursing and non-nursing electives) and then continue with the courses in the specialty track they have selected. Upon completion of their graduate program, students are awarded 30 additional credits based on their active unencumbered Maryland or compact license and will receive a Master of Science in nursing. The RN to master's program provides the RN wishing to have a graduate nursing degree with a 12-credit efficiency over the more traditional route where the B.S. and M.S. in nursing are pursued separately.

► Non-Nursing Requirements

Refer to the RN-to-M.S. checklist for the additional non-nursing requirements. The checklist is available from the Nursing Department and on its website.

► Required Nursing Courses

RN to master's students are required to complete the following courses (18 credits):

	Credits
NURS 319 Health Assessment (fall)	3
NURS 329 Research Methods (spring)	3
NURS 430 Community Health Nursing (fall and spring)	3
NURS 431 Community Health Nursing Practicum (fall and spring)	3
NURS 440 Senior Seminar (spring)	3
and	
NURS 441 Internship (spring)	3
or	
NURS 442 Nursing Leadership and Management (fall)	2
and	
NURS 443 Nursing Leadership Practicum (fall)	2
and	
NURS 490 Independent Study (fall and spring)	2

► Master's in Nursing Core Courses

RN to master's students who have been accepted into the graduate program complete the following core graduate courses:

	Credits
NURS 515 Epidemiology (fall)	3
NURS 542 Qualitative Research in Health Care (fall)	3
NURS 544 Quantitative Research in Health Care (fall)	3
MATH 502 Applied Statistics (fall)	3
NURS 590 Thesis	3
NURS 592 Internship	3
or	
NURS 593 Capstone I: Proposal	1
and	
NURS 594 Capstone II: Implementation	1
and	
NURS 595 Capstone III: Dissemination	1

► Master's in Nursing Track

Complete required courses in the NE or HCL nursing tracks.

Master's in Nursing Tracks

► Health Care Leadership*

* This track is offered as a cohort program with a minimum of 10 students, starting in the fall semester only.

	Credits
NURS 525 Health Care Systems	3
NURS 526 Health Care Informatics	3
NURS 561 Health Care Management Seminar	3
NURS 562 Health Care Management Practicum	3
NURS 571 Health Care Leadership Seminar	3
NURS 572 Health Care Leadership Practicum	3
XXXX XXX Graduate-level Elective	3

► Nurse Educator

	Credits
EDUC 560 College Teaching	3
NURS 510 Advanced Health Assessment: Didactic	3
NURS 522 Pharmacotherapeutics	3
NURS/BIOL 552 Advanced Human Physiology/ Pathophysiology	3
NURS 573 Technology in Health Care Education	3
NURS 574 Teaching and Learning for Nurse Educators: Principles and Practicum	6

DOCTOR OF NURSING PRACTICE

Department of Nursing

Dr. Lisa Seldomridge, Program Director
410-543-6413

Dr. Erica Alessandrini, FNP Coordinator

The Doctor of Nursing Practice (D.N.P.) Program addresses the growing need for doctorally prepared nurses in advanced practice roles. Graduates of this program will have specialized skills for managing the increasingly complex health care needs of the region in a cost-effective and collaborative manner. The curriculum emphasizes the use of research and technology to enhance health care and improve outcomes. Students will learn to analyze healthcare systems and integrate evidence-based practice throughout all levels of care. D.N.P. graduates will be employed at the highest level of nursing practice, working with individuals, groups or organizations, and will serve as leaders in health care for the region.

Post-Baccalaureate to D.N.P. (Family Nurse Practitioner) Option

SU has initiated a Doctor of Nursing Practice (D.N.P.) in accordance with the national standards established by the American Association of Colleges of Nursing (AACN).

The post-baccalaureate D.N.P. program allows students with a bachelor's degree to enter directly into doctoral study while also earning the credentials of Family Nurse Practitioner (FNP).

The program is designed for students who wish to engage in full-time study. The 80-credit curriculum spans four years – full time during fall and spring semesters with a lighter academic load during the summer. Variations in length of study may occur based on student needs and circumstances with program director approval. Courses are taught by experienced faculty, with small classes that foster close student-faculty working relationships. D.N.P. students culminate their education with the completion of a comprehensive doctoral project. Students take three separate courses that will guide them through project development, implementation, evaluation and dissemination.

Coursework includes: quantitative and qualitative research, evidence-based practice, epidemiology, applied statistics, advanced human physiology, advanced health assessment, advanced pharmacotherapeutics, family nursing, adult health care management, women's and children's health care management, issues in advanced nursing practice, health care systems, finance, informatics, quality improvement, health promotion and clinical prevention, genetics, and genomics. All student complete a D.N.P. project and 1,000 clinical hours, including 400 hours in SU's D.N.P. Practicum, reflecting at least two different areas of focus and with advisor's approval. Graduates are eligible to take the certification exams offered by the American Nurses' Credentialing Center and American Academy of Nurse Practitioners.

Clinical experience is not required for the Post-Baccalaureate to D.N.P., but students are encouraged to work in professional nursing roles during summers and semester breaks.

► Post-Baccalaureate to D.N.P. Admission Requirements

Admission to the Post-Baccalaureate to D.N.P. (FNP) Program requires acceptance to the University for graduate study, as well as acceptance into the Post-Baccalaureate to D.N.P. (FNP) Program. Admission to the Post-Baccalaureate to D.N.P. (FNP) Program is a competitive process, and the following required items will be considered individually as the final applicant selections are made.

- B.S. in nursing from nationally accredited program.
- Applicants with cumulative undergraduate GPA ≥ 3.50 (on a 4.0 scale) are given first priority.
- Applicants with cumulative undergraduate GPA 3.0-3.49 may be considered on an individual basis.
- Proof of successful completion of basic undergraduate statistics and undergraduate research (minimum grade of C required).
- Current and active U.S. Registered Nursing (RN) license.
- Official transcripts from all colleges and universities attended.
- GRE – Analytical Writing Score (minimum 3.5/6.0).
- Current CPR certification for healthcare providers.
- Current resume or curriculum vitae.
- Three academic or professional references/letters of recommendation.

- A 500- to 1,000-word essay outlining why the D.N.P. is important to the applicant and how it is consistent with his or her academic and professional goals and objectives.
- Residency/Domicile Information form (for those applying for in-state tuition).
- Fulfillment of University requirements for international students as outlined in the catalog.
- Interview by the graduate program director or department chair or members of the Graduate Program Committee.

► Post-Baccalaureate to D.N.P.

Enrollment Requirements

After acceptance into the nursing program and prior to beginning any courses, students must:

- Meet requirements for regular physical examinations and provide evidence of immunity from communicable diseases in conformity with the recommendations for Health Care Workers provided by the Centers for Disease Control. These recommendations are subject to change. Details and updated requirements are available on the departmental website.
- Students who accept admission to the nursing program will be asked to undergo one or more criminal background checks as well as drug testing in order to participate in clinical rotations. Costs associated with the criminal background checks and drug testing will be assumed by the student
- Current certification in cardiopulmonary resuscitation (CPR) by the American Heart Association or the American Red Cross. The course must be one designed for a health care provider, such as the AHA's module C course and it must require a personal skills check-off.
- Current RN licensure in the state of Maryland, a compact state or the state in which the student is currently practicing.

► Post-Baccalaureate Curriculum

Required courses are as follows:

	Credits
First Year, Fall	
NURS 515 Epidemiology	3
NURS 542 Qualitative Research	3
NURS 552 Advanced Physiology/Pathophysiology	3
First Year, Spring	
MATH 502 Applied Statistics	3
NURS 516 Family Nursing	4
NURS 544 Quantitative Research	3
First Year, Summer	
NURS 522 Pharmacotherapeutics	3
Second Year, Fall	
NURS 526 Informatics	3
NURS 561 Health Care Management	3
NURS 744 Evidence-Based Practice	3
Second Year, Spring	
NURS 510 Advanced Health Assessment (Didactic)	3
NURS 514 Issues in Advanced Nursing	3
NURS 525 Health Care Systems	3
Second Year, Summer	
NURS 511 Advanced Health Assessment (Practicum)	2
POSC 580 Leadership and Public Administration	3
Third Year, Fall	
NURS 558 Adult Health Care	6
NURS 742 Quality Improvement in Healthcare	3
NURS 881 D.N.P. Evidence-Based Project 1: Topic Exploration and Identification	1

Third Year, Spring

NURS 559 Women and Children's Health Care Management (Didactic)	6
NURS 580 Leadership and Public Administration	3
NURS 882 D.N.P. Evidence-Based Project 2: Proposal Development	1

Third Year, Summer

XXX Approved Elective (interdisciplinary – not NURS)	3
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Fourth Year, Fall

FINA 535 Health Care Finance	3
NURS 858 Health Promotion and Clinical Prevention	3
NURS 883 D.N.P. Evidence-Based Project 3: Implementation	1
NURS 880 D.N.P. Evidence-Based Practicum	1-3*

Fourth Year, Spring

NURS 815 Genetics and Genomics in Healthcare	3
NURS 884 D.N.P. Evidence-Based Project 4: Evaluation and Dissemination	1
NURS 880 D.N.P. Evidence-Based Practicum	1-3*

TOTAL CREDITS: 80

* A minimum of four credits of Practicum are required, with 400 hours. This course can be taken for variable 1-3 credits (100-400 hours) in at least two different areas of focus and with advisor's approval.

Post-Master's to D.N.P. Option

The D.N.P. Program is offered as a 38-credit post-masters option for students in advanced practice roles, including nurse practitioners, clinical nurse specialists, nurse midwives, nurse anesthetists, nurse administrators and nurse educators. Since the program is designed for working professionals, candidates may complete the degree in approximately three years, taking six credits per semester. Students who take fewer courses per semester will take longer to finish. Students who do not already hold national certification as an Advanced Practice RN may need to take additional credits and will meet with the director of the Graduate Nursing Program for an individualized curriculum plan. All students must have completed at least 1,000 clinical hours between the master's and D.N.P. programs, with at least 400 hours in SU's D.N.P. Practicum, reflecting at least two different areas of focus and with advisor's approval.

Clinical experience is not required, but students are encouraged to work in professional nursing roles during summers and semester breaks.

► Admission to the Post-Master's D.N.P. Program

Admission to the Post-Master's D.N.P. Program requires acceptance to the University for graduate study as well as acceptance into the D.N.P. Program. Admission to the Post-Master's D.N.P. Program is a competitive process, and the following required items will be considered individually as the final applicant selections are made.

- M.S. in nursing from a nationally accredited program with a cumulative GPA of 3.0 or higher.
- Current and active United States Registered Nursing (RN) license.
- Official transcripts from all colleges and universities attended.
- Current CPR certification for healthcare providers.
- Current resume or curriculum vitae.
- Three academic or professional references/letters of recommendation.
- A 500- to 1,000-word essay outlining why the D.N.P. is important to the applicant and how it is consistent with his/her academic and professional goals and objectives.

- Residency/Domicile Information form (for those students applying for in-state tuition).
- Fulfillment of University requirements for international students as outlined in the catalog.
- Interview by the graduate program director, department chair or members of the Graduate Program Committee.

► Post-Master's to D.N.P.

Enrollment Requirements

After acceptance into the nursing program and prior to beginning any courses, students must:

- Meet requirements for regular physical examinations and provide evidence of immunity from communicable diseases in conformity with the recommendations for Health Care Workers provided by the Centers for Disease Control. These recommendations are subject to change. Details and updated requirements are available on the departmental website.
- Students who accept admission to the nursing program will be asked to undergo one or more criminal background checks as well as drug testing in order to participate in clinical rotations. Costs associated with the criminal background checks and drug testing will be assumed by the student.
- Current certification in cardiopulmonary resuscitation (CPR) by the American Heart Association or the American Red Cross. The course must be one designed for a health care provider, such as the AHA's module C course and it must require a personal skills check-off.
- Current RN licensure in the state of Maryland, a compact state or the state in which the student is currently practicing.

► Post-Master's Program Requirements

The Post-Masters D.N.P. Program consists of 38 credit hours of graduate work (for nationally certified Advanced Practice Nurses), which may be completed over approximately three years. (Credits may vary for students who are not already certified as Advanced Practice Nurses.) Direct (FNP) and indirect (leadership) care options will be available for the specialty practice-hours component, as determined by the student and faculty advisor based on the career goals and aspirations of the student. Students interested in applying their practice hours to improving the care of individuals may complete clinical time at a primary care facility or a practice management site. Other students may wish to complete their specialty hours at a hospital or community health center, focusing on a broader application for improvement of patient healthcare outcomes. One thousand total clinical hours are required for all D.N.P. students, which include clinical hours obtained during their master's program. Graduate students must maintain at least a 3.0 GPA (4.0 scale) with a maximum of one C, and no grades lower than a C. A minimum of four credits of D.N.P. Practicum are required, to be completed while enrolled in the SU D.N.P. Program.

► Progression Post-Master's to D.N.P.

Students in the D.N.P. Program must earn a B or better in all courses to successfully complete the D.N.P. Program. Students who receive a grade lower than a B in any course who wish to continue in the program must submit a written request to the graduate program director to do so. This request must include a clearly stated plan for how and where the course will be repeated by the student. This request will be reviewed by the Graduate Program Committee, and if

granted, the student may repeat the course for a grade of B or better. In any case, only one course may be repeated one time during the program.

► Post-Master's Curriculum

The D.N.P. curriculum is a blend of new and existing courses at Salisbury University, incorporating inter-departmental course work designed to address the varied educational needs of the D.N.P. students, and to meet the D.N.P. Essentials (AACN, 2006). Twenty-seven credit hours in nursing, finance and political science comprise the core of the curriculum, with another eight credit hours relating directly to the D.N.P. project and practicum coursework taken toward the end of the program. Additionally, one three-credit graduate elective chosen by the student with the approval of his or her advisor is used to supplement the core of required courses and is tailored to student interests.

PLEASE NOTE: A plan of study, incorporating the requisite 1,000 clinical hours, will be designed for each student based on their previous experience and the focus of their D.N.P. studies (FNP versus leadership). Timeline to completion and the total credits required for their program may vary, depending on each individual's previous master's level clinical hours, and will be determined on an individual basis. However, a minimum of 400 NURS 880 Practicum hours must be completed while enrolled in the SU D.N.P. Program.

Required courses are as follows:

		Credits
Fall One		
NURS 526	Informatics	3
NURS 744	Evidence-Based Practice	3
Spring One		
NURS 525	Health Care Systems	3
POSC 580	Leadership and Public Administration	3
Summer One		
XXX	Approved Elective***	3
Fall Two		
NURS 561	Health Care Management	3
NURS 742	Quality Improvement in Healthcare	3
NURS 881	D.N.P. Evidence-Based Project 1: Topic Exploration and Identification	1
Spring Two		
FINA 535	Health Care Finance	3
NURS 882	D.N.P. Evidence-Based Project 2: Proposal Development	1
Summer Two		
XXX	Approved Elective***	3
NURS 694	Doctoral Practice Experience (if needed)	1-3
Fall Three		
NURS 815	Genetics and Genomics in Healthcare	3
NURS 883	D.N.P. Evidence-Based Project 3: Implementation	1
NURS 880	D.N.P. Evidence-Based Practicum	1-3*
Winter		
NURS 694	Doctoral Practice Experience (if needed)	1-3
Spring Three		
NURS 858	Health Promotion and Clinical Prevention	3
NURS 884	D.N.P. Evidence-Based Project 4: Evaluation and Dissemination	1
NURS 880	D.N.P. Evidence-Based Practicum	1-3*
TOTAL CREDITS:		38**

* A minimum of four credits of NURS 880 Practicum are required, with 400 hours completed while enrolled in the SU D.N.P. Program. This course can be taken for variable 1-3 credits (100-400 hours) in at least two different areas of focus and with advisor's approval.

** Students ultimately must have 1,000 total clinical hours and may need to take additional credits of NURS 694 Doctoral Practice Experience if they had fewer than 600 clinical hours in their M.S. program. Program plans will be individually determined between the student and the director of the graduate program.

*** Only one approved elective (3 credits) is required.

POST-BACCALAUREATE CERTIFICATE IN HEALTH CARE MANAGEMENT

This certificate program is for students who have already completed a bachelor's degree in any discipline and are now seeking to complete the requirements for the Health Care Management Certificate.

This program is offered on a cohort basis, and interested students must contact the Department of Nursing for additional program information.

The following courses are required:

	Credits
NURS 525 Health Care System	3
NURS 526 Health Care Informatics	3
NURS 561 Health Care Management Seminar	3

Students are also required to complete one of the following electives:

	Credits
NURS 515 Epidemiology	3
NURS 542 Qualitative Research in Health Care	3
NURS 562 Health Care Management Practicum	3
MATH 502 Applied Statistics	3
or	
NURS 544 Quantitative Research in Health Care	3

POST-DOCTORATE OF NURSING PRACTICE CERTIFICATE OF COMPLETION: FAMILY NURSE PRACTITIONER

This certificate program is for students who have either already completed a Doctor of Nursing Practice or are concurrently enrolled in one of the Doctor of Nursing Practice programs and are seeking to complete the requirements for the Family Nurse Practitioner as well.

The following courses are required:

	Credits
NURS 510 Advanced Health Assessment - Didactic	3
NURS 511 Advanced Health Assessment - Clinical Practicum	2
NURS 514 Issues in Advanced Practice Nursing	3
NURS 516 Family Nursing	4
NURS 522 Pharmacotherapeutics	3
NURS 552 Advanced Human Physiology/Pathophysiology	3
NURS 558 Adult Health Care Management	6
NURS 559 Women and Children's Health Care Management	6

POST-BACCALAUREATE CERTIFICATE IN MIDDLE SCHOOL MATHEMATICS

PLEASE NOTE: The Post-Baccalaureate Certificate in Middle School Mathematics Program has been temporarily suspended. The status of the program is being examined. New students will not be admitted into the program during the period of suspension.

The Certificate in Middle School Mathematics (C.M.S.M.) is a certificate in middle-school mathematics. This certificate is designed for school personnel seeking advanced study in mathematics content appropriate for teaching mathematics at the middle-school level.

For admission to the certificate program, candidates must possess a bachelor's degree with a 2.75 minimum grade point average in undergraduate work, or possess a higher degree, and hold a teaching certificate in a specified subject area. For admission consideration, students must submit the following documentation: To Admissions, an application, application fee and official transcripts from every college and university attended; To the Department of Mathematics and Computer Science, an application for admission to the M.S. program in mathematics education, two letters of recommendation supporting the applicant's ability to succeed in graduate study, and a completed plan of study signed by a program advisor.

Note: This certificate is not a teaching certificate. The award of this certificate does not carry certification to teach.

Course Requirements

Candidates seeking the C.M.S.M. must complete at least four of the following courses:

	Credits
MATH 501 Number Theory from a Historical Perspective	3
MATH 503 Data Analysis	3
MATH 510 Mathematical Reasoning	3
MATH 520 Middle School Mathematics in a Teaching Context with Instructional Technology	3
MATH 541 Conceptual Algebra for Teachers	3
MATH 555 The Cartesian Triad: Algebra, Geometry and Coordinates in the Plane	3
MATH 565 Mathematical Modeling for Middle School Teachers	3
MATH 566 Geometry: From Euclid to Modern Day	3

Franklin P. Perdue

Perdue School of Business

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Majors & Minors

Bachelor of Science

Accounting
Business Economics
Finance
Information Systems
International Business
Management
Marketing

Bachelor of Arts

Economics

Minors

Accounting
Business Administration (4+1)
Economics
Enterprise Information Systems
Finance
Information Systems
Marketing Management
Professional Sales

Master of Business Administration

Post-Baccalaureate Certificate in Advanced Technology for Enterprise Systems


www.salisbury.edu/perdue

Contents

School Information

Lower-Division Pre-professional Program	175
Upper-Division Professional Program	175

Departments

Accounting and Legal Studies	176
Economics and Finance	176
Information and Decision Sciences	176
Management and Marketing	176

Undergraduate Majors

Accounting	177
Business Economics	177
Economics	178
Finance	178
Financial Planning Track	179
Investments Track	180
Corporate Finance Track	180
Information Systems	180
International Business	181
Management	182
Human Resource Management Track	183
Marketing	183

Graduate Program

Master of Business Administration	184
Post-Baccalaureate Certificate in Advanced Technology for Enterprise Systems	186

School Information

The Franklin P. Perdue School of Business was established in 1986 through a multimillion dollar fund created by Franklin P. Perdue to ensure excellence within the academic programs of the school. Perdue, a lifelong resident of Salisbury, began working with his parents in their egg business at the age of 10. He attended what was then the State Teachers College in Salisbury for two years before returning to work full time with his father in 1939. He became a full partner in the business in 1944 and, in 1950, took over leadership of Perdue Farms Inc. Under his leadership, the firm grew to be one of the largest integrated poultry producers in the United States.

The Perdue School is the largest university-level center for business education and development in the region. It provides an academic program recognized for meeting the high-

est standards of business education through its accreditation with AACSB International. The business school provides for student interaction with the business world and focuses on preparing graduates who can apply business knowledge to solve problems; make sound decisions using the most current technological resources available; communicate effectively verbally and in writing; demonstrate the interpersonal skills and ethical awareness to function as a successful business professional; and operate successfully in the diverse, global, team-based environments of business.

The Perdue School offers three degrees: Master of Business Administration, Bachelor of Arts in economics and Bachelor of Science. Students pursuing a Bachelor of Science can major in accounting, business economics, finance, information systems, international business, management or marketing. Each major has lower (pre-professional) and upper (professional) divisions and require successful completion of lower-division work to gain admission to the business school and eligibility to begin taking upper-division courses. The economics major requires a program of General Education courses integrated with a core in economics, business administration and mathematics.

The Perdue School offers six minors: accounting, business administration, finance, information systems, marketing management and economics. The business administration and marketing management minors are not open to accounting, business, finance, information systems, management or marketing majors. Similarly, the business economics major and the economics minor are not open to economics majors.

A unique feature of the Perdue School of Business is the Applied Business Learning Experience (ABLE) program, successful completion of which is a graduation requirement for all students majoring in accounting, business, finance, information systems, management or marketing. Students must demonstrate that they can translate and effectively use classroom learning in business, government and nonprofit organizations. ABLE provides a variety of experiential learning options. Students can satisfy the ABLE requirement with an internship or through ABLE-qualifying courses. For details see the undergraduate programs coordinator.

Philosophic Commitments and Objectives

Consistent with the University mission and the convictions of its faculty, the Franklin P. Perdue School of Business objectives reflect a dedication to students' maximum intellectual growth, active involvement in applied and practical research, and a commitment to community service.

► Intellectual Growth

The primary objective of the school is to provide each of its students with an academic environment that fosters the development of a broad intellectual foundation. This foundation is the basis for effective service in professional positions and enables students to assume higher levels of responsibility as they gain experience and demonstrate ability. The faculty believe this objective is met by the development and maintenance of quality curricula, by effective teaching and by conscientious student advising.

► Research

The school is committed to stimulating the intellectual growth of its faculty to the benefit of the broader academic and business community. The faculty actively pursue applied as well as more theoretical research that expands their knowledge of business and economic activities.

► Global Competencies

In today's global marketplace it is increasingly important that future managers have a good understanding of international business practices. There is no better way to gain this knowledge than to experience it first hand. The Perdue School and the University's Center for International Education offer a variety of study abroad programs from two weeks to a semester. The Perdue School urges all students to take advantage of this opportunity. Up to nine credit hours can be applied toward a Perdue School major from an approved study abroad program.

► Community Service - Business, Economic and Community Outreach Network (BEACON)

The Business, Economic and Community Outreach Network (BEACON) of the Franklin P. Perdue School of Business combines applied business learning experiences for SU students with sponsored research and consulting services to non-profit, private and public-sector organizations throughout the Delmarva region.

Student teams, supervised by faculty and BEACON staff, work on projects such as market research; sales and demand forecasting; strategic planning; feasibility studies; economic impact assessments; scenario analysis and planning; program and project evaluation, and business policy research. As students apply what they learn in the classroom to these projects, they gain valuable real-world experiences.

BEACON, as part of its outreach and technology transfer mandates, is also involved with a variety of intellectual property commercialization projects. Key BEACON initiatives include:

- **ShoreTrends** – tracking demographic, business, economic, workforce and community development trends throughout the Eastern Shore of Maryland.
- **GraySHORE** – preparing the region's private and public sector organizations for addressing the needs of seniors in the region.
- **Bienvenidos â Delmarva** – providing management, marketing and organizational development know-how to private- and public-sector organizations that interact frequently with the region's rapidly growing non-native-born population.

For more information, contact Dr. Memo Diriker, director of BEACON, at 410-546-6001 or beacon@salisbury.edu or visit <http://beacon.salisbury.edu>.

► Small Business and Technology Development Center

The Maryland Small Business and Technology Development Center (SBTDC) is dedicated to helping individuals establish or expand a business. A variety of management and technical assistance programs are designed and provided by the SBTDC to help the aspiring and existing small business owner. Business students have opportunities to gain hands-on, real-world experience by providing consulting services for small business owners under the close supervision of faculty mentors.

The SBTDC is part of a national network, founded in 1979, that helps over 500,000 businesses on an annual basis. Assistance provided by the SBTDC is designed to strengthen firms and contribute to the growth of the local, state and national economies.

General Information

► Non-Degree Seeking Students

The Perdue School serves non-degree-seeking students by allowing them to enroll directly in both lower- and upper-division courses. Students who do not meet specific course prerequisites must obtain approval from the associate dean of the Perdue School of Business or advising services coordinator before enrolling.

► Students Seeking Degrees in Programs Other Than Accounting, Finance, Information Systems, Management or Marketing

The Perdue School welcomes students from other disciplines in lower-division classes and can accommodate a limited number of these students in upper-division (300/400-level) courses as the school's professional-program students are given priority. Because the Perdue School cannot guarantee that non-majors will be able to enroll in upper-division business courses during any specific semester, students from other disciplines with programs that require upper-division Perdue School courses should plan ahead as far as possible and secure the permission of their advisors and the advising services coordinator of the Perdue School of Business for the business portion of their programs.

► Transfer Credits

Students who wish to enroll in courses at other institutions and transfer credits to satisfy Perdue School requirements must first submit a properly completed Request to Study at Another Institution form to the Perdue School's advising services coordinator. With the approval of the department chair, up to six hours of upper-division course credit will be accepted—providing the courses are completed with a C or better from another AACSB accredited institution. Approval forms will then be submitted to the Registrar's Office for additional authorization and processing. (Students are further directed to the University's transfer guidelines located in the "Registration and Student Records" section of this catalog.)

► Repeating Courses

Courses repeated to fulfill a Perdue School major or minor requirement must be repeated at Salisbury University. For example, students who repeat required courses to improve D or F grades must take those courses at Salisbury University.

UNDERGRADUATE PROGRAMS

For Students Seeking a Bachelor of Arts In Economics, See the Economics Major

For Students Seeking a Bachelor of Science With a Major in Accounting, Business Economics, Finance, Information Systems, International Business, Management or Marketing

LOWER-DIVISION PRE-PROFESSIONAL PROGRAM

For Freshmen And Sophomores Seeking a Major In Accounting, Business Economics, Finance, Information Systems, International Business, Management or Marketing

Freshmen and sophomores complete a pre-professional program which consists of 30 hours of lower-division coursework designed to provide a broad knowledge base essential to success in the upper-division coursework.

► Pre-professional Course Requirements

The following courses make up the pre-professional program. These courses should be completed during the freshman and sophomore years in preparation for entrance into the professional programs of the Franklin P. Perdue School of Business:

	Credits
MATH 160 Introduction to Applied Calculus	3
or	
MATH 201 Calculus I	4
MATH 155 Modern Statistics with Computer Analysis	3
INFO 211 Information System Concepts	4
ACCT 201 Introduction to Financial Accounting	3
ACCT 202 Introduction to Managerial Accounting	3
ECON 211 Micro-Economic Principles	3
ECON 212 Macro-Economic Principles	3
CMAT 100 Fundamentals of Communication	4
or	
CMAT 260 Fundamentals of Organizational Communication	4
ACCT 248 Legal Environment	3
INFO 281 Intermediate Business Statistics: Application and Analysis	3

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

UPPER-DIVISION PROFESSIONAL PROGRAM

In order for students to take upper-division business courses, students must apply for and be admitted into the professional program. (Specific instructions for application to the Perdue School of Business follow.)

Juniors and seniors pursuing a major in the Perdue School of Business complete a professional program consisting of (1) an upper-division core of eight courses, which must be taken by all accounting, business economics, finance, information systems, international business, management and marketing majors; (2) a set of special requirements for each major

and concentration/track; and (3) a set of specific course requirements unique to the major that the student is pursuing. Coursework and other requirements are grouped according to accounting, business economics, finance, information systems, international business, management and marketing.

► Admission to the Upper-Division Professional Program

Students wishing to apply to the Franklin P. Perdue School of Business must do the following:

1. Submit an application by December 1 (for the next spring term) or May 1 (for the next fall term).
2. Prepare to satisfy the following requirements by the start of the next semester:
 - a. Complete 56 credit hours.
 - b. Complete a minimum of 24 hours from the lower-division, pre-professional core requirements (see previous information) with grades of C or better.
 - c. Included in the 24 hours must be:
 - i. ACCT 201
 - ii. ECON 211 or ECON 212
 - iii. MATH 160 or MATH 201
 - iv. MATH 155
 - d. A GPA of 2.50 or higher in the pre-professional core courses is required for admission into the Professional Program. Additional students may be admitted by descending order of GPA (in Pre-professional Program core courses) in numbers sufficient to maintain a quality student-faculty ratio.
 - e. Students may repeat pre-professional courses one time only.
3. Students pursuing a major in the business school and who are enrolled in 300-/400-level business courses without meeting the program admission standards will be deregistered from those courses. Other students (minors, etc.) must meet all course prerequisites.

► Retention and Graduation Requirements

Once admitted to the Perdue School's professional program, students must do the following:

1. Complete the pre-professional core with grades of C or better, within the next 15 credit hours of study or be disenrolled automatically from the professional program.
2. All upper-division coursework must be completed with a C or better.
3. BUAD 300 must be completed with a P.
4. Maintain a 2.0 grade point average. (Students whose cumulative grade point averages fall below 2.0 and do not return to 2.0 within the next consecutive 12 semester hours will be disenrolled from the professional program.)
5. Upper-division courses may be repeated only once.

Appeals for exceptions to this policy must be made in writing to the Undergraduate Exceptions Committee of the Perdue School.

Departments

ACCOUNTING AND LEGAL STUDIES

Major: Accounting

Minor: Accounting

(See "Undergraduate Minors" section for details.)

Chair

Professor Kenneth J. Smith, D.B.A.; George Washington University, CPA-MD, CMA, CIA, CFM

Associate Professors

Michael R. Koval, J.D.; Georgetown University Law Center
George F. Summers, Ph.D.; University of Houston

Assistant Professors

Charles R. Boster, Ph.D.; University of South Carolina, CPA-CO
Hong Kim Duong, M.B.A.; University of Texas
David Emerson, Ph.D.; Virginia Commonwealth University, CPA-VA
Oliver Okafor, Ph.D.; University of Calgary
Michael Schudt, J.D.; University of Missouri, Ph.D., University of Texas, CPA-MO

Professors of Practice in Accounting

Julie E. Gittelman, M.B.A.; St. Joseph's University, CPA-MD
Susanne A. Holloway, M.B.A.; Salisbury University, CPA-MD

The Department of Accounting and Legal Studies offers programs leading to a Bachelor of Science with a major in accounting, an accounting track in the Master of Business Administration (M.B.A.) program and a minor in accounting.

ECONOMICS AND FINANCE

Major: Business Economics, Economics, Finance

Minor: Economics, Finance

(See "Undergraduate Minors" section for details.)

Chair

Associate Professor Brian Hill, Ph.D.; University of Tennessee, Knoxville

Professors

Jill L. Caviglia-Harris, Ph.D.; University of Tennessee
Tylor Claggett, Ph.D.; University of Houston
Danny M. Ervin, Ph.D.; University of Kentucky
Khashayar "Kashi" Khazeh, Ph.D.; University of Tennessee
Herman Manakyan, Ph.D.; University of Alabama
Ying Wu, Ph.D.; University of Oregon

Associate Professors

Leonard Arvi, Ph.D.; Florida International University
Dustin L. Chambers, Ph.D.; University of California-Riverside
Jamie D. Emerson, Ph.D.; Syracuse University
Jonathan Munemo, Ph.D.; West Virginia University
Hong Yao, Ph.D.; University of Oregon-Eugene

Assistant Professors

Sonja Kolstoe, Ph.D.; University of Oregon
K. Ani Mathers, Ph.D.; University of Florida

Lecturer

Silvana Chambers, M.A.; University of California-Los Angeles

The Department of Economics and Finance offers programs leading to a Bachelor of Arts with a major in economics, a Bachelor of Science with a major in business economics, and a Bachelor of Science with a major in finance, as well as three specialization tracks within the finance major. The department also offers minors in both economics and finance.

INFORMATION AND DECISION SCIENCES

Major: Information Systems

Minor: Information Systems, Enterprise Information Systems

(See "Undergraduate Minors" section for details.)

Graduate: Post-Baccalaureate Certificate in Advanced Technology for Enterprise Systems

Chair

Associate Professor Hoon S. Cha, Ph.D.; University of Arizona

Professors

Eugene D. Hahn, Ph.D.; George Washington University
Jeffrey E. Kottemann, Ph.D.; University of Arizona
Karen E. Papke-Shields, Ph.D.; University of South Carolina
Jing Quan, Ph.D.; University of Florida

Associate Professors

Fatollah Salimian, M.A.; Kent State University
Kathleen E. Wright, Ph.D.; George Washington University

Professor of Practice

William P. Burke Jr., M.Ed.; Wilmington College

Lecturer

Laura Anderson, M.S.Mgmt., University of Maryland University College
Sumathy Chandrashekar, M.B.A.; Salisbury University

The Department of Information and Decision Sciences offers a program leading to Bachelor of Science with a major in information systems and a minor in information systems or enterprise information systems.

MANAGEMENT AND MARKETING

Major: International Business, Management, Marketing

Minor: Business Administration (4+1), Marketing Management, Professional Sales
(See "Undergraduate Minors" section for details.)

Chair

Associate Professor Amit Poddar, Ph.D.; Georgia State University

Professors

Stephen B. Adams, Ph.D.; Johns Hopkins University
Wayne H. Decker, Ph.D.; University of Pittsburgh
Richard C. Hoffman IV, Ph.D.; Indiana University
E. Patrick McDermott, Ph.D.; George Washington University
Robert B. Settle, Ph.D.; University of California Los Angeles
Frank M. Shipper, Ph.D.; University of Utah
Christy Weer, Ph.D.; Drexel University

Associate Professors

Thomas J. Calo, Ed.D.; George Washington University
Kirsten K. Passyn, Ph.D.; Pennsylvania State University
Oliver P. Roche, Ph.D.; McGill University
Marc D. Street, Ph.D.; Florida State University
Vera L. Street, Ph.D.; Florida State University

Assistant Professors

M. Judith Billups, M.B.A.; Bethel University
William R. Richerson, Ph.D.; University of Kentucky

Professor of Practice in Marketing

Paula Morris, M.B.A.; George Washington University

Lecturer

Marvin O. Brown Jr., J.D.; University of Dayton

Adjunct Associate Professors

Gerard R. DiBartolo, D.B.A.; George Washington University
Memo Diriker, D.B.A.; Memphis State University

The Department of Management and Marketing offers programs leading to a Bachelor of Science with majors in management and marketing and a minor in professional sales and a minor in marketing management. The department coordinates the international business concentration and the business administration minor in conjunction with the other Perdue School departments.

Undergraduate Majors

ACCOUNTING

Department of Accounting and Legal Studies

Dr. Kenneth Smith, Chair

410-548-5563

Students completing the accounting major will be prepared to enter the public accounting profession or pursue accounting careers in government or corporate settings. By fulfilling the major requirements and earning the required 150 credit hours, students will be eligible to sit for the Uniform CPA examination in Maryland.

The undergraduate accounting curriculum consists of a lower-division (pre-professional) core, upper-division (professional) core, special requirements and accounting major requirements. The pre-professional curricular requirements enable majors to acquire a common body of knowledge essential to successful completion of the professional program coursework.

Students majoring in accounting must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the pre-professional core requirements and be accepted into the upper-division professional program.

2. Complete the following professional core:

	Credits
FINA 311 Financial Management	3
INFO 326 Operations Management	3
MGMT 320 Management and Organizational Behavior	3
(must take BUAD 300 as a corequisite)	
BUAD 300 Personal and Professional Development	1
MGMT 325 Business and Society	3
MGMT 492 Strategic Management (C or better)	3
MKTG 330 Principles of Marketing Management	3

3. Satisfy the following special requirements:

► ABLE Requirement

The applied business learning experience (ABLE) requirement is satisfied by ACCT 497.

► International Requirement

The international requirement is satisfied by:

	Credits
ACCT 430 International Accounting	3
or	
ACCT 435 Accounting in its Global Setting	3

► Admission Test

Accounting students must pass the Accounting Admission Test (AAT) prior to enrolling in ACCT 305. Information is available from the Accounting Department.

4. Complete the following courses. With approval of the chair of the Accounting Department, up to six credit hours of comparable courses may be transferred from AACSB International (The Association to Advance Collegiate Schools of Business) accredited schools.

	Credits
ACCT 302 Cost Accounting I	3
ACCT 304 Intermediate Accounting I	3

ACCT 305	Intermediate Accounting II	3
ACCT 341	Federal Income Tax Accounting: Personal	3
ACCT 348	Business Law	3
ACCT 403	Advanced Accounting I	3
ACCT 407	Auditing I*	3
ACCT 420	Accounting Information Systems	3
ACCT 430	International Accounting	3

or		
ACCT 435	Accounting in its Global Setting	3
ACCT 497	Accounting Capstone Internship	3

plus one of the following courses:

	Credits
ACCT 338 Special Topics in Accounting	3
ACCT 342 Federal Income Tax Accounting: Partnership and Corporation	3
ACCT 401 Integrated Accounting Systems	3
ACCT 415 Governmental and Not-for-Profit Accounting	3
ACCT 418 Fraud Examination	3
ACCT 460 Contemporary Issues in Accounting	3

5. Students who decide to pursue a second major/concentration/track must complete a minimum of 12 hours of new credits for each additional major/concentration/track.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

BUSINESS ECONOMICS

Department of Economics and Finance

Dr. Brian Hill, Chair

410-677-3860

A major in business economics prepares majors to apply the scientific approach to cause and effect relationships affecting the performance of the business enterprise and its impact on society's living standards.

Coursework focuses on understanding and measuring the consequences of public policies and regulations; the behavior of consumers, competitors and other important groups; and the firm's own decisions. The emphasis on analytical skills and empirical methodology provides a strong foundation for students interested in graduate study in business and for those with career interests in economic research or forecasting in either business or government.

Students majoring in business economics must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the pre-professional core requirements and be accepted into the upper-division professional program.

2. Complete the following professional core:

	Credits
BUAD 300 Personal and Professional Development	1
FINA 311 Financial Management	3
INFO 326 Operations Management	3
MGMT 320 Management and Organizational Behavior	3
(must take BUAD 300 as a corequisite)	
MGMT 325 Business and Society	3
MGMT 492 Strategic Management	3
MKTG 330 Principles of Marketing Management	3

3. Complete the following business economics requirements:

	Credits
ECON 305 Intermediate Macro-Theory	3
ECON 306 Intermediate Micro-Theory	3
ECON 430 Econometrics	3
ECON 441 International Economics	3

4. Complete at least two courses from the following:

	Credits
BUAD 396 Business Studies Abroad	3
ECON 300 Economic History of the United States.....	3
ECON 331 Money and Banking	3
or	
FINA 445 Financial Institutions and Markets	3
ECON 336 Public Sector Economics	3
ECON 338 Special Topics in Economics	3
ECON 370 Industrial Organization	3
ECON 381 Labor Economics	3
ECON 402 Comparative Economic Systems	3
ECON 403 Monetary Policy and the U.S. Economy.....	3
ECON 410 The Economics of Health Care	3
ECON 411 Economic Development	3
ECON 415 Environmental and Natural Resource Economics	3
ECON 420 Game Theory	3
ECON 425 Sports Economics.....	3
ECON 435 The Economics of Voluntary Exchange	3
ECON 460 Applied Economics Workshop	3
ECON 492 Senior Seminar in Contemporary Economic Problems	3
ECON 494 Directed Study in Economics	1-3

5. Satisfy the following special requirement:

► ABLE Requirement

The applied business learning experience (ABLE) is normally completed during the second semester of the junior year or the first semester of the senior year and can be met through either an internship or experiential project.

Internships are normally completed off campus at a variety of businesses, government or not-for-profit organizations. For an internship to satisfy the ABLE requirement, it must be completed as part of enrollment in:

	Credits
ECON 490 Economics Internship	3

For additional information concerning ABLE program requirements, students should see the undergraduate programs coordinator in the Perdue School of Business.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

ECONOMICS

Department of Economics and Finance

Dr. Brian Hill, Chair
410-677-3860

Economics is the study of the factors determining our material living standards. It involves analysis of human values and behavior, the operations of public and private institutions, the limitations of technology and natural resources, and the legal-political framework within which all are required to operate.

The Department of Economics and Finance's Bachelor of Arts program combines a solid foundation in contemporary economic theory with the opportunity to analyze a wide range of issues important to the material well-being of society. The emphasis on applying carefully reasoned analysis to questions of personal choice and public policy makes this program a valuable preparation for careers in education, law, research or administration, as well as employment in business, government or international agencies.

Students majoring in economics must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the following economics core:

	Credits
INFO 281 Intermediate Business Statistics	3
MATH 155 Modern Statistics with Computer Analysis	3
MATH 201 Applied Calculus.....	3
or	
MATH 160 Calculus I	4
ECON 211 Micro-Economic Principles	3
ECON 212 Macro-Economic Principles	3
ECON 305 Intermediate Macro-Theory	3
ECON 306 Intermediate Micro-Theory	3
ECON 430 Econometrics	3

2. Choose five courses from the following list:

	Credits
ECON 300 Economic History of the United States.....	3
ECON 331 Money and Banking	3
or	
FINA 445 Financial Institutions and Markets	3
ECON 336 Public Sector Economics	3
ECON 338 Special Topics in Economics	3
ECON 370 Industrial Organization	3
ECON 381 Labor Economics	3
ECON 402 Comparative Economic Systems	3
ECON 403 Monetary Policy and the U.S. Economy.....	3
ECON 410 The Economics of Health Care	3
ECON 411 Economic Development	3
ECON 415 Environmental and Natural Resource Economics	3
ECON 420 Game Theory	3
ECON 425 Sports Economics.....	3
ECON 435 The Economics of Voluntary Exchange	3
ECON 441 International Economics	3
ECON 460 Applied Economics Workshop	3
ECON 492 Senior Seminar in Contemporary Economic Problems	3
ECON 494 Directed Study in Economics	3

Students planning graduate work in economics are advised to complete a minor in mathematics. The minor in mathematics consists of at least 18 semester hours of mathematics, of which 15 are not counted for General Education, 12 are numbered 201 or higher, and at least three are at the 300/400 level. Each course in the minor must be completed with a grade of C or better, and at least nine credits must be earned at SU. The recommended math courses are as follows:

	Credits
MATH 201 Calculus I	4
MATH 202 Calculus II.....	4
MATH 310 Calculus III	4
Two additional math courses at the 300 level or higher (MATH 413 or 414) are recommended for students entering Ph.D. programs.	

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

FINANCE

Department of Economics and Finance

Dr. Brian Hill, Chair
410-677-3860

Finance is broadly defined as the art and science of making decisions involving money in a variety of contexts. People study finance to learn how to allocate their scarce resources over time under conditions of uncertainty utilizing the financial system (i.e., financial markets and institutions) as well as economic organizations (i.e., corporations and governments) with the goal of wealth maximization. Not only is finance exciting and challenging, it continues to evolve at a dizzying pace. The finance major provides the student with a broad background

covering the areas of corporate finance, international finance, investments and financial markets/institutions. Students in the finance major prepare for careers in corporate treasury functions and in a variety of financial services firms including commercial banks, securities firms, investment banks, money management firms, insurance companies, real estate companies, financial planners, etc., as well as graduate programs in business. Finance majors are employed by organizations of various size and focus including regional, national and multinational enterprises as well as nonprofit and government agencies.

In addition to the major in finance, for students who desire to focus in a specialization area in finance, the department offers three alternative specialization tracks: Financial Planning, Investments and Corporate Finance.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

Finance Major

Students majoring in finance must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the pre-professional core requirements and be admitted to the upper-division professional program.

2. Complete the following professional core:

	Credits
FINA 311 Financial Management	3
INFO 326 Operations Management	3
MGMT 320 Management and Organizational Behavior	3
(must take BUAD 300 as a corequisite)	
BUAD 300 Personal and Professional Development	1
MGMT 325 Business and Society	3
MGMT 492 Strategic Management (C or better).....	3
MKTG 330 Principles of Marketing Management.....	3

3. Satisfy the following special requirement.

► ABLE Requirement

The applied business learning experience (ABLE) is normally completed during the second semester of the junior year or the first semester of the senior year and can be met through an internship.

Internships are normally completed off campus at a variety of business, government or not-for-profit organizations. For an internship to satisfy the ABLE requirement, it must be completed as part of enrollment in the following courses:

	Credits
FINA 490 Finance Internship	3
or	
BUAD 490 Business Internship	3

and must involve the students in working with an organization in a planned, progressive-development program for a minimum of 100 hours over a 10-week period.

Experiential learning opportunities provide applied business learning experiences and are associated with the following course:

	Credits
FINA 449 Practicum in Portfolio Management	3

For additional information concerning ABLE program requirements students should see the undergraduate programs coordinator in the Perdue School of Business.

4. Students who decide to pursue a second major/concentration/track must complete a minimum of 12 hours of new credits for each additional major/concentration/track.

5. Fulfill the following major requirements, if no track is

selected. Students selecting a specialization track should complete the requirements listed under Financial Planning Track or Investments Track or Corporate Finance Track. With the approval of the chair of the Department of Economics and Finance, up to six credit hours of comparable courses may be transferred from an AACSB accredited school.

	Credits
FINA 440 Corporate Finance	3
FINA 441 Investments I	3
FINA 445 Financial Institutions and Markets	3
or	
ECON 331 Money and Banking	3
FINA 447 International Financial Management	3

Plus two electives from:

FINA 312 Risk Management and Insurance.....	3
FINA 442 Financial Derivatives	3
FINA 443 Essentials of Real Estate	3
FINA 449 Practicum in Portfolio Management	3

One additional business elective from:

ACCT 302 Cost Accounting I	3
ACCT 304 Intermediate Accounting I	3
ACCT 341 Federal Income Tax Accounting: Personal.....	3
BUAD 386 Business in its Global Setting.....	3
BUAD 396 Business Studies Abroad	3
ECON 305 Intermediate Macro-Theory	3
ECON 306 Intermediate Micro-Theory	3
ECON 370 Industrial Organization	3
ECON 410 The Economics of Health Care	3
ECON 430 Econometrics	3
ECON 435 The Economics of Voluntary Exchange	3
ECON 441 International Economics	3
FINA 312 Risk Management and Insurance.....	3
FINA 442 Financial Derivatives	3
FINA 443 Essentials of Real Estate	3
FINA 449 Practicum in Portfolio Management	3
INFO 301 Business Applications Development	3
INFO 315 Project Management	3
INFO 340 Data Mining for Business Intelligence	3
INFO 370 Enterprise Systems and Integrated Business Processes	3
MGMT 428 Entrepreneurship	3
MKTG 337 Professional Selling	3

Financial Planning Track

Financial planning involves evaluating financial goals and developing comprehensive financial plans for individuals in a highly complex and regulated environment. With changes in the demographic characteristics of the U.S. population, and shifts in employment and retirement preparation trends, more and more people find themselves in a position of needing to apply sophisticated financial planning techniques to their personal economic affairs, such as college savings plans, retirement plans, estate planning, insurance needs assessment.

The Financial Planning Track is registered with Certified Financial Planner Board of Standards, Inc. (CFP Board) in Denver, CO. In September 2002, it became the first undergraduate degree program in financial planning to attain this distinction in the State of Maryland. This registration confers a special advantage on Perdue School graduates, allowing them to sit for the CFP® Certification Examination upon completion of our program.

Salisbury University does not certify individuals to use the CFP®, CERTIFIED FINANCIAL PLANNER™ and CFP (with flame logo)® certification marks. CFP certification is granted solely by Certified Financial Planner Board of Standards, Inc. to those individuals who, in addition to completing an educational requirement such as this CFP Board-Registered Program, have met ethics, experience and examination requirements.

Certified Financial Planner Board of Standards, Inc. owns the marks CFP®, CERTIFIED FINANCIAL PLANNER™ and

CFP (with flame logo)® certification marks, which it awards to individuals who successfully complete initial and ongoing certification requirements.

In addition to completing major requirements 1-3, students in the Financial Planning Track must meet the following major requirements. With approval of the chair of the Department of Economics and Finance, up to six credit hours of comparable courses may be transferred from an AACSB accredited school.

	Credits
ACCT 341 Federal Income Tax Accounting: Personal	3
FINA 312 Risk Management and Insurance	3
FINA 441 Investments I	3
FINA 446 Retirement Planning	3
FINA 447 International Financial Management	3
FINA 448 Estate Planning	3
FINA 450 Case Studies in Personal Financial Planning	3

Investments Track

The Investments Track focuses on an understanding of various investment options and asset allocation decisions, evaluation of various securities, assessment of appropriate risk-return tradeoffs, and construction and management of efficient portfolios.

In addition to completing major requirements 1-3, students in the Investments Track must fulfill the following major requirements. With the approval of the chair of the Department of Economics and Finance, up to six credit hours of comparable courses may be transferred from an AACSB accredited schools.

	Credits
FINA 440 Corporate Finance	3
FINA 441 Investments I	3
FINA 442 Financial Derivatives	3
FINA 445 Financial Institutions and Markets	3
or	
ECON 331 Money and Banking	3
FINA 447 International Financial Management	3
FINA 449 Practicum in Portfolio Management	3

Plus one elective from:

	Credits
BUAD 386 Business in its Global Setting	3
BUAD 396 Business Studies Abroad	3
FINA 443 Essentials of Real Estate	3
FINA 446 Retirement Planning	3
FINA 448 Estate Planning	3
MKTG 337 Professional Selling	3

Corporate Finance Track

The Corporate Finance Track focuses on decision making about the financial management of a firm on topics such as forecasting, budgeting, plant expansions, choice of securities to use to finance future acquisitions, evaluating merger/acquisition opportunities, etc. Students in this track normally follow a career path in the finance/treasury function of large corporations, government agencies, non-profit organizations, etc. Simultaneous completion of an accounting minor is highly recommended.

In addition to completing major requirements 1-3, students in the Corporate Finance Track must fulfill the following major requirements. With the approval of the chair of the Department of Economics and Finance, up to six credit hours of comparable courses may be transferred from an AACSB accredited school.

	Credits
ACCT 302 Cost Accounting I	3
ACCT 304 Intermediate Accounting I	3
FINA 440 Corporate Finance	3
FINA 441 Investments I	3

FINA 442 Financial Derivatives	3
FINA 447 International Financial Management	3

Plus one elective from:

	Credits
ACCT 305* Intermediate Accounting II	3
ACCT 420* Accounting Information Systems	3
ACCT 430* International Accounting	3
ACCT 435* Accounting in its Global Setting	3
BUAD 386 Business in its Global Setting	3
BUAD 396 Business Studies Abroad	3
ECON 331 Money and Banking	3
FINA 445 Financial Institutions and Markets	3
INFO 315 Project Management	3
INFO 340 Data Mining for Business Intelligence	3
INFO 370 Enterprise Systems and Integrated Business Processes	3

* Selecting one of these electives results in an accounting minor.

INFORMATION SYSTEMS

Department of Information and Decision Sciences

Dr. Hoon S. Cha, Chair
410-677-0163

The information systems major addresses information analysis, business system design and information systems management. The program curriculum emphasizes business and organizational studies as well as information systems technology. Students are prepared to enter careers in areas relating to developing, maintaining and using information in a variety of organizational settings.

Students become familiar with modern computer technology and how appropriate hardware and software are integrated into analyzing business problems. Students learn how to apply computers, software and systems techniques to solve information systems problems within organizations and provide managers with the information needed for operational and strategic decisions. The major balances theory and application to prepare students for careers in private-sector or public-sector positions such as business systems analysts, information resource managers, database and network administrators.

The undergraduate information systems curriculum consists of a lower-division (pre-professional) core, upper-division (professional) core, special requirements and information systems requirements. The pre-professional curricular requirements enable majors to acquire a common body of knowledge essential to successful completion of the professional program coursework.

Students majoring in information systems must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the pre-professional core requirements and be admitted into the upper-division professional program.

2. Complete the following professional core:

	Credits
FINA 311 Financial Management	3
INFO 326 Operations Management	3
MGMT 320 Management and Organizational Behavior	3
(must take BUAD 300 as a corequisite)	
BUAD 300 Personal and Professional Development	1
MGMT 325 Business and Society	3
MGMT 492 Strategic Management	3
MKTG 330 Principles of Marketing Management	3

3. Satisfy the following special requirements:

► International Requirement

One of the following courses:

	Credits
ACCT 430 International Accounting	3
ACCT 435 Accounting in its Global Setting	3
BUAD 386 Business in its Global Setting	3
BUAD 396 Business Studies Abroad	3
ECON 441 International Economics	3
FINA 447 International Financial Management	3
INFO 465 Global Information Systems Management	3
MGMT 422 Management of the Multinational Business	3
MKTG 423 International Marketing	3

► ABLE Requirement

The applied business learning experience (ABLE) is normally completed during the second semester of the junior year or the first semester of the senior year and can be met through either an internship or experiential project.

Internships are normally completed off campus at a variety of businesses, government or not-for-profit organizations. For an internship to satisfy the ABLE requirement, it must be completed as part of enrollment in the following course:

	Credits
INFO 490 Information Systems Internship	3

and must involve the student in working with an organization in a planned, progressive-development program for a minimum of 100 hours over a 10-week period.

Experiential projects provide applied business learning experiences and are associated with the following course:

	Credits
INFO 476 Information Systems Development and Implementation	3

For additional information concerning ABLE program requirements, students should see the undergraduate programs coordinator.

4. Fulfill the following major requirements with grades of C or better (with approval of the chair of the Department of Information and Decision Sciences, up to six credit hours of comparable courses may be transferred from an AACSB-accredited school):

	Credits
INFO 301 Business Applications Development	3
INFO 311 Business Systems Analysis	3
INFO 386 Database Management Systems	3

plus three of the following electives:

	Credits
ACCT 420 Accounting Information Systems	3
COSC 320 Advanced Data Structures and Algorithm Analysis	3
INFO 315 Project Management	3
INFO 333 3D Printing/Digitally Enabled Product Development	3
INFO 338 Special Topics	3
INFO 340 Data Mining for Business Intelligence	3
INFO 350 Web Analysis and Design	3
INFO 370 Enterprise Systems and Integrated Business Processes	3
INFO 385 Data Communications and Networking	3
INFO 395 Managerial Decision Support Systems with VBA	3
INFO 401 Mobile Enterprise Application Development	3
INFO 430 Business Analytics	3
INFO 440 Storage Technology Fundamentals	3
INFO 450 Computer Hardware and OS Technologies	3
INFO 460 Security Management	3
INFO 471 Advanced Topics in ERP	3
INFO 480 Seminar in Information Systems	3
INFO 485 Advanced Seminar on Networking	3
INFO 494 Directed Study in Management Information Systems	1-3

5. Students who decide to pursue a second major/concentration/track must complete a minimum of 12 hours of new credits for each additional major/concentration/track.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

INTERNATIONAL BUSINESS

Department of Management and Marketing

Dr. Olivier Roche
410-677-3863

As a growing number of large and small U.S. firms transact a portion of their business through international channels, international business graduates are becoming increasingly involved with international aspects of business. This major allows students to gain the knowledge and skills required for international business careers, while developing their understanding of the mechanisms and institutions of international business.

Since the Perdue School's curriculum allows multiple majors, concentrations and tracks, students may combine such areas as accounting, finance, marketing, management and information systems with international business, giving themselves an international business education.

All courses comprising the international business major, including the additional major requirements of language, geography, political science and ABLE must be completed with a minimum grade of C.

1. Complete the pre-professional core requirements and be accepted into the upper-division professional program.

2. Complete the following professional core:

	Credits
BUAD 300 Personal and Professional Development	1
FINA 311 Financial Management	3
INFO 326 Operations Management	3
MGMT 320 Management and Organizational Behavior	3
(must take BUAD 300 as a corequisite)	
MGMT 325 Business and Society	3
MGMT 492 Strategic Management	3
MKTG 330 Principles of Marketing Management	3

3. Complete following required international business courses:

	Credits
INTB 495 International Case Analysis	3
MGMT 422 Management of the Multinational Business	3

4. Choose two international business courses from the following:

	Credits
ACCT 430 International Accounting	3
ECON 441 International Economics	3
FINA 447 International Financial Management	3
INFO 465 Global Information Systems Management	3
MKTG 423 International Marketing	3

5. Choose two electives from the approved list below that could include courses from above that have not been taken:

	Credits
ACCT 302 Cost Accounting I	3
ACCT 304 Intermediate Accounting I	3
BUAD 386 Business in its Global Setting	3
BUAD 396 Business Studies Abroad	3
ECON 402 Comparative Economic Systems	3
ECON 411 Economic Development	3
FINA 440 Corporate Finance	3
FINA 441 Investments I	3
FINA 445 Financial Institutions and Markets	3
INFO 395 Advanced Management Support Systems	3
INFO 455 Advanced Microcomputer Applications	3
INTB 494 Directed Study in International Business	1-3

MGMT 350	Human Resource Management	3
MGMT 425	Applied Organizational Science	3
MKTG 337	Professional Selling	3
MKTG 335	Marketing Research	3
MKTG 430	Marketing Management Strategy	3

6. Select one course from the following list or select an approved cultural course offered by the Modern Languages and Intercultural Studies Department or study abroad experience approved by your international business advisor:

	Credits
GEOG 101 World Geography: Europe and Asia.....	3
GEOG 102 World Geography: Africa and the Americas	3
GEOG 202 Cultural Geography	3
GEOG 301 World Regions	3
GEOG 310 Regional Geography of Europe	3

Geography requirements may be waived with an approved one-semester study abroad program.

7. Select one course from the following or other relevant political science or history course approved by your international business advisor:

	Credits
POSC 210 Introduction to International Relations	4
POSC 310 Comparative European Government	4
POSC 311 Comparative Government of Developing Nations	4
POSC 411 International Law	4

8. Satisfy the following special requirements:

► Language Requirement

Demonstrate proficiency in a foreign language approved by the director of international business.

► Study Abroad Requirement

All international business majors must complete a minimum of six credits from a semester abroad or two summer/winter terms abroad. Please note, study abroad may require costs in addition to the tuition and fees for SU.

► ABLE Requirement

The applied business learning experience (ABLE) is normally completed during the second semester of the junior year or the first semester of the senior year and can be met through either an internship or experiential project.

Internships are normally completed off campus at a variety of businesses, government or not-for-profit organizations. For an internship to satisfy the ABLE requirement, it must be completed as part of enrollment in:

		Credits
INTB 490	International Business Internship	3
or		
BUAD 490	Business Internship	3

For additional information concerning ABLE program requirements, students should see the undergraduate programs coordinator in the Perdue School of Business.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

MANAGEMENT

Department of Management and Marketing

Dr. Amit Poddar, Chair

410-548-7756

The management major prepares students with a blend of theory and applied skills for entry-level management or administrative positions. Through the selection of electives in the major, students can focus on small business management and entrepreneurship or human resource management. Students majoring in management complete a management internship to gain experience in the actual practice of management.

Management courses include such topics as the management of human resources, finances, raw materials and information. Management students learn to set goals, formulate strategies, motivate people and monitor performance.

The undergraduate management curriculum consists of a lower-division (pre-professional) core, upper-division (professional) core, special requirements and management major requirements. The pre-professional curricular requirements enable majors to acquire a common body of knowledge essential to successful completion of the professional program coursework.

Students majoring in management must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the pre-professional core requirements and be admitted into the upper-division professional program.

2. Complete the following professional core:

	Credits
BUAD 300	Personal and Professional Development.....1
FINA 311	Financial Management.....3
INFO 326	Operations Management3
MGMT 320	Management and Organizational Behavior3
	(must take BUAD 300 as a corequisite)
MGMT 325	Business and Society3
MGMT 492	Strategic Management3
MKTG 330	Principles of Marketing Management3

3. Satisfy the following special requirement:

► ABLE Requirement

The applied business learning experience (ABLE) is normally completed during the second semester of the junior year or the first semester of the senior year and can be met through an internship. Internships are normally completed off campus at a variety of business, government or not-for-profit organizations. For an internship to satisfy the ABLE requirement, it must be completed as part of enrollment in the following course:

	Credits
BUAD 490 Business Internship	3
or	
MGMT 490 Management Internship	3

Internship must involve the students in working with an organization in a planned, progressive development program for a minimum of 100 hours over a 10-week period.

4. Complete the following major requirements:

► Required Specialization Courses

	Credits
MGMT 422 Management of the Multinational Business	3
MGMT 425 Applied Organizational Science	3
MGMT 428 Entrepreneurship	3
or	
MGMT 350 Human Resource Management	3

(Students taking both MGMT 428 and MGMT 350 may count the second as an elective specialization course. See the following.)

► Elective Specialization Courses

Choose three from the following:

	Credits
ACCT 302 Cost Accounting	3
BUAD 345 Purchasing and Materials Management.....	3
BUAD 386 Business in its Global Setting (Winter-travel).....	3
BUAD 396 Business Studies Abroad	3
BUAD 410 Health Care Management and Marketing	3
INFO 315 Project Management	3
MGMT 338 Special Topics in Management.....	3
MGMT 429 Small Business Consulting.....	3
MGMT 451 Staffing Organizations	3
MGMT 452 Employee-Management Relations	3
MGMT 453 Compensation	3

(Students taking both MGMT 428 and MGMT 350 may count the second as an elective specialization course.)

5. Students who decide to pursue a second major must complete a minimum of 12 hours of new credits in the second major.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

Human Resource Management Track

Human resource management (HRM) involves the strategic management of employees who, individually and collectively, contribute to the attainment of the strategic objectives of the organization. HRM enables the organization to achieve its strategic goals by attracting, developing, motivating and retaining its employees, and by functioning as the mediator between the organization's management and its employees. As organizations have increasingly realized the impact that the human resources function can have on the bottom line, HR has become an essential and growing field within organizations. Accordingly, the HR profession is projected by the Department of Labor to continue to grow.

The track requires completion of the professional core and ABLE requirement for a management major, as well as the required and elective courses listed here. Completion of the track prepares graduates to be competitive candidates for entry-level professional HR positions in any organization, both within the private and public sectors, immediately upon graduation. They will also be well-prepared to successfully complete HR certification exams upon completion of the required practical experience.

► Track Requirements (5 courses)

	Credits
MGMT 350 Human Resource Management	3
MGMT 451 Staffing in Organizations	3
MGMT 452 Employee-Management Relations	3
MGMT 453 Compensation	3
MGMT 338* Special Topics in Management: Training and Development	3
or	
MGMT 454* Negotiation	3

* Students taking both MGMT 338 and 454 may count the second toward the Human Resources Track elective.

► Track Elective (1 course from the following)

	Credits
CADR 401 Dispute Systems Design	3
MGMT 425 Applied Organizational Science	3
Other approved human resource electives	3

MARKETING

Department of Management and Marketing

Dr. Amit Poddar, Chair

410-548-7756

The marketing major prepares students for entry into a variety of marketing and business careers. Marketing provides products—goods, services and ideas—to satisfy customer needs. Through the marketing process, organizations determine what products they will offer, communicate information about their products, establish prices for their products, and make their products available when and where customers want them.

Marketing courses help prepare students to work in areas such as advertising, sales, market research, product planning, purchasing, transportation and public relations. Marketing skills are applicable in virtually all types of organizations.

The undergraduate marketing curriculum consists of a lower-division (pre-professional) core, upper-division (professional) core, special requirements and marketing major requirements. The pre-professional curricular requirements enable majors to acquire a common body of knowledge essential to successful completion of the professional program coursework.

Students majoring in marketing must meet the following requirements with grades of C or better and may repeat courses only once:

1. Complete the pre-professional core requirements and be admitted into the upper-division professional program.

2. Complete the following professional core:

	Credits
BUAD 300	Personal and Professional Development1
FINA 311	Financial Management3
INFO 326	Operations Management3
MGMT 320	Management and Organizational Behavior3
	(must take BUAD 300 as a corequisite)
MGMT 325	Business and Society3
MGMT 492	Strategic Management3
MKTG 330	Principles of Marketing Management3

3. Satisfy the following special requirement:

► ABLE Requirement

The applied business learning experience (ABLE) is normally completed during the second semester of the junior year or the first semester of the senior year and can be met through an internship. Internships are normally completed off campus at a variety of business, government or not-for-profit organizations. For an internship to satisfy the ABLE requirement, it must be completed as part of enrollment in the following course:

	Credits
MKTG 490 Marketing Internship	3
or	
BUAD 490 Business Internship	3

Internship must involve the students working with an organization in a planned, progressive-development program for a minimum of 100 hours over a 10-week period.

4. Complete the following major requirements:

► Required Specialization Courses

	Credits
MKTG 335 Marketing Research	3
MKTG 423 International Marketing	3
MKTG 430 Marketing Management Strategy	3

► Elective Specialization Courses

Choose three from the following:

	Credits
BUAD 345 Purchasing and Materials Management	3
BUAD 386 Business in its Global Setting (Winter-travel)	3
BUAD 396 Business Studies Abroad	3
BUAD 410 Health Care Management and Marketing	3
INFO 315 Project Management	3
INFO 340 Data Mining	3
MKTG 331 Advertising and Promotions	3
MKTG 332 Consumer Behavior	3
MKTG 337 Professional Selling	3
MKTG 334 Principles of Retailing	3
MKTG 336 Direct and Interactive Marketing	3
MKTG 338 Special Topics in Marketing	3
MKTG 401 Business Marketing	3
MKTG 406 Advanced Direct and Interactive Marketing	3
MKTG 410 Advanced Professional Selling	3
MKTG 407 Sales Management	3
MKTG 439 Senior Marketing Seminar	3

5. Students who decide to pursue a second major must complete a minimum of 12 hours of new credits in the second major.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

Graduate Program

Yvonne Downie Hanley, M.B.A. Director
410-548-3983

MASTER OF BUSINESS ADMINISTRATION

The Perdue School has developed a highly effective business education system committed to an emphasis on the entrepreneurial spirit, integration of theoretical and applied study, and community-based experience.

The Perdue School M.B.A. is valued for its rigor, flexibility and innovative curriculum. The degree is typically completed on a part-time basis; an accelerated one-year, full-time program is an option for students who have completed the foundation course requirements. The M.B.A. program offers learners opportunities to enrich the student's knowledge and application of functional business studies while incorporating essential themes into the program such as globalization, social responsibility, and environmental and technological influences on business.

The goal of the Perdue School of Business M.B.A. program is to prepare aspiring and practicing managers with the skills to succeed as business executives and leaders. The curriculum encourages students to think clearly, show sound judgment, communicate effectively, and develop interpersonal and decision-making skills.

Students earning an M.B.A. are able to:

1. Integrate knowledge and skills of the functional areas of business (e.g. accounting, economics, finance, management and marketing) to implement business decisions.
2. Identify and analyze problems and apply critical thinking skills to solve problems.
3. Assess the long-term social, legal and ethical implications of management initiatives.
4. Interpret the role of internationalization on business strategy.
5. Apply technology for the purposes of decision-making and increasing efficiency and competitiveness in an organization.
6. Develop leadership and teamwork skills critical to the improvement of organizational performance.

► Admission

Admission to the Master of Business Administration (M.B.A.) at SU requires an application to graduate studies; the application fee; official transcripts from all colleges and universities attended; if applying for in-state tuition, a Residency/Domicile Information Form; and the following additional application requirements specified by the Business School:

- A. Two letters of recommendation from individuals qualified to judge the applicants ability to do graduate work in business;
- B. Resume;
- C. Essay: reason that pursuing a master's degree will meet the student's personal, professional and academic goals and how the student feels he/she will contribute to the graduate program (maximum of two pages double-spaced); and

D. A minimum Graduate Management Admissions Test (GMAT) score of 400.

The minimum standard for admission is the attainment of a total score of at least 1,000 points based on the following formula: $200 \times [\text{overall GPA (on a 4.0 scale)}] + \text{GMAT score}$; or at least 1,050 points based on the following formula: $200 \times (\text{upper-division GPA}) + \text{GMAT score}$.

Additional points may be added to the GMAT formula totals above for work experience at the rate of 10 points per year for qualified employment up to a maximum of 50 points total. Qualified work experience is defined as middle-management level or higher. Any applicants with questionable work experience will have their credentials reviewed by the M.B.A. committee. Attainment of point totals above does not guarantee admission.

All application requirements are due by March 1 for summer or fall admission.

► Provisional Admission I

Applicants with a minimum 3.25 overall GPA or at least a 3.50 upper-division GPA may enroll prior to taking the GMAT for a maximum of six credit hours of M.B.A. courses (600 level), for a maximum of one semester, provided space is available. No student may register for a second term unless the GMAT score has been received by the graduate program director.

► Provisional Admission II

Provisional admission may be granted to applicants who have not yet completed the required foundation undergraduate courses listed below or their equivalents but who meet one of the required totals shown in section D above and all other application requirements. Students in this category should apply for admission as soon as possible so that a specific, individualized plan for satisfying foundation requirements may be developed in consultation with the graduate program director. Provisionally admitted students may, with the approval of the program director, take a maximum of six credit hours of M.B.A. courses (600-level), for a maximum of one semester, and must maintain a cumulative grade point average of 3.0 in undergraduate M.B.A. foundation courses with no grade less than C.

► Basic Skills Expected of Incoming M.B.A. Students

In addition to meeting the standards for admission listed above, M.B.A. students should bring to their graduate business studies the following skills to ensure success in the program:

1. Quantitative skills: A knowledge of algebra and basic calculus.
2. Verbal skills: The ability to collect relevant information, organize thoughts and communicate clearly.
3. Computer skills: Competence in word processing and spread sheets. These skills may be obtained or enhanced by study and preparation before admission, or early in the program of study by utilizing the many programs, courses and training sessions offered at the University.
4. Information systems literacy: A student should be able to describe information technologies and discuss information systems applications with their peers.

These skills will be evaluated and assessed by the M.B.A. program director and appropriate department chair. Recommendations for review courses will be made based on a

review of undergraduate coursework, professional experience and the analytical writing assessment score from the GMAT exam.

Program Requirements

► Foundation Courses (12 credits)

In order to begin work on the master's degree requirements, the following foundation courses must be completed prior to the first semester in which the first 600-level course is taken:

	Credits
ACCT 201 Principles of Accounting I	3
ECON 211 Microeconomics	3
or	
ECON 150 Principles of Economics	3
FINA 311 Financial Management	3
INFO 326 Production and Operations Management	3
*Any foundation course may be waived if the student has completed an undergraduate or graduate survey course with similar coverage with a grade of C or better. A waiver exam may be taken to validate an undergraduate course that does not meet the grade requirement, or when the student has acquired the knowledge covered in a core course without having earned academic credit. Students may take a waiver exam with permission of the graduate program director.	

► Core Courses (24 credits)

	Credits
ACCT 666 Accounting Concepts and Applications	3
ECON 601 Business Economics	3
FINA 626 Corporate Financial Management	3
INFO 602 Decision Making in the Supply Chain	3
INFO 620 Enterprise Systems and Business Process Integration	3
MGMT 624 High-Performance Work Systems	3
MKTG 614 Strategic Marketing Applications	3
MKTG 663 Business Intelligence/Analytical Customer Relationship Management (CRM)	3

► Capstone Courses (6 credits)

BUAD 695 Project Consulting	3
MGMT 628 Managing Strategically	3

General Information

► Progression Standards

While matriculating, fully admitted students must maintain a cumulative GPA of at least 3.0 in 600-level courses with no grade less than C. To be eligible to receive the M.B.A., the graduate student must complete the home campus M.B.A. (30 hours - with a minimum of 21 hours completed at SU) with a cumulative grade point average of at least 3.0 with no grade lower than C and with no more than six credit hours below B. All requirements for the M.B.A., including transfer credits, must be completed within seven years of the end of the semester in which M.B.A. coursework began. Transfer credit must be from an AACSB-International accredited program and is subject to approval by the M.B.A. program director.

► Financial Assistance

Awarded on the basis of academic achievement, a limited number of graduate assistantships are available for M.B.A. students. These are awarded only to students fully admitted into the program (i.e., not provisionally admitted). Applications are available from the graduate program director in the Franklin P. Perdue School of Business or online at <http://mba.salisbury.edu>.

POST-BACCALAUREATE CERTIFICATE IN ADVANCED TECHNOLOGY FOR ENTERPRISE SYSTEMS

This certificate program in advanced technology for enterprise systems is designed to provide broad knowledge of new technologies associated with enterprise systems including in-memory database management, business analytics (descriptive and predictive), data visualization and mobile application development. This program prepares an individual for employment in the business intelligence field by providing an understanding and hands-on experience with different data storage, data access and analytics tools. These courses provide a solid foundation for specific certification classes/exams as well.

For admission to the certificate program, candidates must possess a bachelor's degree from an accredited college with a 3.00 minimum grade point average in all undergraduate work. In addition, candidates must have completed at least one introductory statistics course with a C or better.

The program is offered on a cohort basis. There are no prerequisites for the first course in the series, but courses must be taken in the order indicated based on prerequisites. The program takes one year to complete. If a student stops the series of courses, for whatever reason, he or she has to wait until the next cohort to complete the certificate program.

Course Requirements

	Credits
INFO 501 Enterprise Systems	3
INFO 502 Data Management	3
INFO 503 CRM and Business Analytics	3
INFO 504 Business Mobility	3
INFO 505 Predictive Analysis and Data Visualization	3

Samuel W. and Marilyn C. Seidel

Seidel School of Education and Professional Studies

Dr. Kelly Fiala, Interim Dean
Conway Hall Room 354F, 410-543-6347

Dr. Althea Pennerman, Associate Dean
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Advising Services Coordinator
Conway Hall Room 354D
410-543-6290

Majors & Minors

Bachelor of Arts in Social Work

Bachelor of Science

Community Health
Early Childhood Education
Early Childhood/Elementary
Education Double Major
Elementary Education
Exercise Science
Physical Education

Minors

Athletic Coaching
Creative Arts
Exercise Science
Health
Middle School Science Education
Outdoor Education Leadership
Social Justice Studies
Social Studies

Master of Arts in Teaching

Master of Education in Curriculum and Instruction

Master of Education in Educational Leadership

Master of Education Reading Specialist

Master of Science Mathematics Education

Master of Science in Athletic Training

Master of Social Work Doctorate of Education Contemporary Curriculum Theory and Instruction: Literacy

Certification Tracks

Bachelor of Arts 7-12

English
French
Spanish
History

Bachelor of Science 7-12

Biology
Chemistry
Earth Science
Mathematics
Physics

Bachelor of Arts K-12

Music
ESOL



Contents

School Information

Departments

Education Specialties	190
Health and Sport Sciences	191
Social Work	192
Teacher Education	192

Undergraduate Majors

Community Health	194
Early Childhood Education	194
Early Childhood/Elementary Education Double Major	196
Elementary Education	198
Exercise Science	199
Allied Health Track	200
Physical Education	200
Secondary Teaching Licensure	201
Social Work	202
SU/UMES Dual-Degree Program:	
Social Work/Sociology	203

Graduate Programs

Master of Arts in Teaching	204
Master of Education Curriculum and Instruction	206
Post-Secondary Education Track	207
Master of Education Reading Specialist	208
Master of Education in Educational Leadership	209
Master of Science in Athletic Training	210
Master of Science in Mathematics Education	211
Middle School Track	212
High School Track	212
Master of Social Work	213
Doctor of Education - Contemporary	
Curriculum Theory and Instruction: Literacy	216

www.salisbury.edu/seidel

School Information

Programs in the Seidel School of Education and Professional Studies date from the University's beginnings as a school for the professional preparation of teachers. The missions of the school's departments and centers are derived from the University Mission, which commits the institution to providing students with a foundational integrated curriculum in the humanities, social and natural sciences, and mathematics; and to preparing them to work confidently and effectively in their chosen careers. The primary objectives of the school, therefore, are to provide initial and continuing education that ensures professionally competent teachers, health fitness providers, athletic trainers, social workers and school administrators who will become cooperative, innovative leaders dedicated to community service and excellence. The Seidel School is also committed to collaborating with local school districts and community agencies to serve students, clients and consumers.

The Seidel School of Education and Professional Studies was endowed by Samuel and Marilyn Seidel in March 1997. A longtime Salisbury businessman and civic leader, Sam Seidel started his career as a teacher and went on to establish the largest privately owned insurance operation in Maryland. Marilyn Seidel, class of '54, worked locally in nursing. The Seidels' three children are also graduates of Salisbury University. In addition to the school endowment, the Seidels have provided numerous scholarships for SU students.

All of the school's programs interface with the community in special and unique ways and rely on community institutions, agencies and settings for the field components. Whether in teacher education, health and fitness, social work or other professional realms, the integration of theory and practice takes place in field sites generously provided by the University's surrounding community.

The Master of Arts in Teaching and social work programs are cooperative with the University of Maryland Eastern Shore. The institutions' dual degree program in sociology/social work has been in operation since 1990, and a cooperative Master of Arts in Teaching was implemented in summer 1996.

Scholarships and awards available in the school include the following:

Christopher Scholars in Education
Johnson Scholarship in Education
Seidel Scholars Program in Education
Carey-Simmons Education Scholarship
Simonds and May Scholarship

Hunter R. Smith Senior Athletic Training Student Award
 Hunter R. Smith Athletic Training Student Scholarship
 Peninsula Orthopaedic Associates Outstanding Senior Athletic Training Award
 Physical Education Teacher Excellence Award
 Social Work Student of the Year Award
 Stephen Michael Emery Scholarship in Social Work
 E. Pauline Riall Achievement Award
 Anne H. Matthews Soroptimist Award
 Caruthers Memorial Fund Scholarship
 Worcester County Teachers Association Scholarship
 Stephen L. Berstler Memorial Scholarship in Health and Physical Education
 Outstanding Exercise Science Major Award
 Clinton Bradway Scholarship
 Carolyn Cramer Korn Scholarship
 Charlie Long Scholarship
 Marilee Chaski Scholarship
 Class of 1943 Scholarship
 Class of 1958 Scholarship
 David and Carol Pearl Scholarship
 Dr. S. Goldsborough and Catharine A. Tyler Scholarship
 Hattie M. Strong Scholarship
 Jarman Memorial Scholarship
 Teacher Education Scholarship
 Thomas and Jeanne P. Bulliet Scholarship
 Wood-Miller Scholarship
 Dorothy Spedden Hall Award
 Amy Stephens Meekins Award
 Institute for Retired Persons Award

► Accreditation

Both the Master of Social Work and the Bachelor of Arts in Social Work programs are accredited by the Council on Social Work Education (CSWE). The athletic training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). All teacher education and school personnel programs are accredited by the National Council for Accreditation of Teacher Education and are approved by the Maryland State Department of Education. The exercise science program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

► Honorary and Professional Organizations

Student National Education Association
 Kappa Delta Pi (honor society in education)
 Social Work Club
 Phi Alpha (honor society in social work)
 Health and Physical Education Majors' Club (HIPE)
 Phi Epsilon Kappa (fraternity for health and sport sciences)
 Exercise Science Club
 Athletic Training Club
 Phi Gamma Mu

Departments

EDUCATION SPECIALTIES

Undergraduate: Secondary K-12 Certifications
Graduate: M.A.T Secondary/K-12 Certifications,
M.Ed. Curriculum and Instruction,
Educational Leadership, Reading Specialist,
Doctor of Education - Contemporary Curriculum
Theory and Instruction: Literacy

Chair

Associate Professor Ron R. Siers Jr., Ph.D.;
 University of Maryland Eastern Shore

Professors

Randall E. Groth, Ph.D.; Illinois State University
 Starlin D. Weaver, Ph.D.; Virginia Polytechnic Institute and State University

Professor or Practice

Jon Andes, Ed.D.; University of Maryland College Park

Associate Professors

Gwen P. Beegle, Ph.D.; University of Kansas
 Douglas M. DeWitt, Ph.D.; Claremont Graduate University
 Judith K. Franzak, Ph.D.; University of New Mexico
 Koomi J. Kim, Ph.D.; University of Arizona
 Regina Royer, Ed.D.; University of Delaware
 Diana M. Wagner, Ed.D.; University of Delaware
 Joyce Wiencek, Ph.D.; University of Maryland College Park

Assistant Professors

Maida Finch, Ph.D.; Vanderbilt University
 Alexander Pope, Ph.D.; Columbia University

The Department of Education Specialties offers graduate education programs and undergraduate programs leading to secondary education certification in a number of liberal arts and science disciplines including biology, chemistry, earth science, English, French, history, mathematics, physics and Spanish. K-12 certification programs in ESOL, music and physical education are offered by the English, Music, and Health and Sport Sciences departments.

In addition, the department offers nationally accredited graduate programs. The Master of Arts in Teaching program leading to certification in K-12 and secondary education is designed for career changers who possess a baccalaureate degree in an academic content area. Programs in biology, chemistry, earth science, English, French, history, mathematics, physics and Spanish are available. The Master of Education in Curriculum and Instruction Program is tailored to in-service teachers wishing to enhance their pedagogical skills. The department also offers advanced certification programs for educational leadership and reading specialist.

All teacher education and school personnel programs are accredited by the National Council for Accreditation of Teacher Education and are approved by the Maryland State Department of Education. Prospective students who are interested in the M.Ed. for professional goals that require that Master of Education but are not planning a career in pre-K-12 schools should apply for the M.Ed. in Curriculum and Instruction: Post-Secondary Track.

The Ed.D. in Contemporary Curriculum Theory and Instruction Program with a concentration in literacy offers a comprehensive and evolving knowledge of literacy from a variety of perspectives. Doctoral students will develop the knowledge and skills to become instructional leaders who can identify, contextualize and propose solutions for problems of practice.

Requirements to education programs may change due to

accreditation demands. Information about program changes may be verified with the education advisors.

The Education Specialties Department faculty is committed to preparing classroom teachers and other educational personnel. The department's programs are designed with the following goals:

1. Provide for the individualization of instruction of teachers and prospective teachers during their professional training.
2. Encourage the emergence of a personal teaching style on the part of each teacher and prospective teacher.
3. Assist teachers and prospective teachers in developing as reflective persons who, when confronted with a teaching problem, carefully identify the problem, take steps to accurately and systematically assess the problem, generate alternative solutions to the problem and choose an appropriate resolution on the basis of its desirable implications and consequences.
4. Gather evidence that prospective teachers can bring about desired learning in students before they assume full responsibility for a classroom.
5. Help prospective teachers develop self-confidence and competence as effective learners and teachers.
6. Emphasize the importance of increasing interaction and collaboration among teachers, new and experienced, in resolving educational problems.
7. Prepare teachers who are responsible agents of educational change.

Conceptual Framework: Competent, Caring, Committed

As a professional learning community, our charge is to serve our candidates and our local school partners. This mission is grounded in shared professional dispositions and in a tradition of caring that can be traced to the University's origins as a normal school founded in 1925. There are four interdependent themes in this tradition that provide the foundation for our current practices and future growth:

- **Informed and reflective pedagogy:** We believe in teachers and decision-makers. Through careful preparation and a thorough grounding in research and best practices, we support candidates and collaborative partners who are disposed to question and reflect continuously in pursuit of sound educational judgments.
- **Enhanced student learning:** We celebrate human diversity and we are passionately committed to the belief that skilled and caring educators enhance learning and achievement when they recognize, appreciate and build upon the individual strengths and differences of every learner.
- **Scholarship:** We are committed to academic excellence, ongoing scholarly inquiry and integrity in our own work, in the efforts of our candidates, and by extension, in the primary mission of student learning in local schools.
- **Collaboration:** We believe that the integrated mission of preparing teachers, advancing the knowledge base, supporting teachers' professional development and improving student achievement in P-12 schools can best be accomplished through carefully coordinated partnerships that include all stakeholders in the greater educational community.

HEALTH AND SPORT SCIENCES

Majors: Community Health, Exercise Science,
Physical Education

Minors: Athletic Coaching, Exercise Science, Health,
Outdoor Education Leadership

Graduate: Master of Science in Athletic Training
(See "Undergraduate Minors" section for details.)

Chair

Associate Professor Lincoln A. Gibbs, Ed.D.; Northern Illinois University

Associate Chair

Associate Professor Brent F. Fedorko, Ph.D.; University of Pittsburgh

Professors

Kelly A. Fiala, Ph.D.; University of Connecticut
 Donna M. Ritenour, Ed.D.; Western Michigan University
 Carol A. Wood, Ph.D.; Louisiana State University

Associate Professors

Grady Armstrong, Ed.D.; New York University
 John J. LaManca, Ph.D.; Florida State University
 Lisa M. Marquette, Ph.D.; University of Pittsburgh
 Scott A. Mazzetti, Ph.D.; Ball State University
 Brandye D. Nobiling, Ph.D.; Southern Illinois University Carbondale
 Dean M. Ravizza, Ph.D.; Virginia Polytechnic Institute and State University

Thomas P. Sticher, Ed.D.; University of North Texas

Assistant Professors

Yoojin Choi, Ed.D.; West Virginia University
 Deneen Long-White, Ph.D.; Howard University
 Meredith Madden, Ed.D.; Boston University
 Jenny L. Toonstra, Ph.D.; University of Kentucky
 Jessica M. Walter, Ph.D.; Old Dominion University
 Timothy J. Werner, Ph.D.; Virginia Polytechnic Institute and State University

Lecturers

Mimi F. Dean, M.S.; East Stroudsburg University
 Christina B. Harper, M.A.T.; Salisbury University
 Laura M. Marinaro, M.S.; University of Akron
 Heather M. Mazzetti, M.S.; Salisbury University
 Zachary Townsend, M.S.; Salisbury University

Clinical Faculty

Abby S. Gibson, M.S.; Salisbury University
 Autumn D. Romanowski, M.A.; University of Maryland College Park

The Department of Health and Sport Sciences offers programs preparing students to work confidently and effectively in physical education, community health, exercise science and related fields. All University students are invited to pursue the department's health, athletic coaching, exercise science and outdoor education leadership minors.

All teacher education and school personnel programs are accredited by the National Council for Accreditation of Teacher Education (NCATE) and are approved by the Maryland State Department of Education. The exercise science program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

The department attracts top-quality students into an environment conducive to learning socially, physically and mentally. Requirements to programs may change due to accreditation demands. Information about program changes may be verified with faculty advisors.

SOCIAL WORK

Major: Social Work

Graduate: Master of Social Work

Chair

Professor Batya Hyman, Ph.D.; Brandeis University

Undergraduate Program Director

Associate Professor Jennifer R. Jewell, Ph.D.;
University of Louisville and University of Kentucky

Clinical Associate Professor & Field Education Director

Jennifer O. Wright, M.S.W.; University of Maryland

Professors

Deborah Ann Mathews, Ph.D.; University of Maryland

James Forte, Ph.D.; Virginia Commonwealth University

Vicki B. Root, D.Ed.; Pennsylvania State University

Marvin G. Tossey, Ph.D.; University of Maryland

Associate Professor

Rachel Buchanan, Ph.D.; University of North Carolina at Chapel Hill

Assistant Professors

Rebecca Anthony, Ph.D.; Widener University

Margo A. Kushner, Ph.D.; University of Calgary

Allessia P. Owens, Ph.D.; Howard University

Ellen Schaefer-Salins, Ph.D.; The Catholic University of America

Kimberly van Vulpen, Ph.D.; University of Maryland Baltimore

Victoria Venable, Ph.D.; Ohio State University

Clinical Associate Professor

Brenda J. Jorden, M.S.W.; Salisbury University

Clinical Assistant Professors

Kathleen S. Arban, M.S.W.; Salisbury University

Amy Habeger, M.S.W.; Salisbury University

Amanda G. Hill, M.S.W.; Salisbury University

Jennifer Marvin, M.S.W.; Salisbury University

Heidi S. Moore, M.S.W.; Salisbury University

Susan E. Park, M.S.W.; Marywood Graduate School of Social Work

Instructor

Aaron C. Willis, A.M.; University of Chicago

Lecturer

Eileen Gilheany, M.S.; Virginia Commonwealth University

Social work is a dynamic-growth profession based upon knowledge drawn from its own experience and from the social sciences. It has a code of ethics, practice standards and a nationwide system of accredited education programs.

Social workers are people who care about the needs of others, including those who are not always successful or cooperative. Members of this profession have the knowledge, skills and values to work with a wide range of people and problems. Help for an individual or a family can be as simple as an interview and as complex as promoting change in a large bureaucracy. Social workers are found in such diverse fields as mental health, child welfare, health care, public welfare, family services, developmental disabilities, services to older people, criminal justice, substance abuse and social justice organizations.

The Department of Social Work undergraduate program, accredited since 1974 by the Council on Social Work Education, prepares graduates for entry-level generalist social work practice and advanced graduate education. The department helps students develop their intellectual capacities and practice skill so that they become effective professionals and responsible citizens, and recognizes its responsibility to teach and encourage ethical behavior and commitment to social justice. Graduates of the program are awarded a Bachelor of Arts in Social Work.

The Master of Social Work program, accredited by the Council on Social Work Education in 2004, prepares professional social workers to engage in community-based direct practice with individuals, families and groups. The mission of the program is to educate ethical, competent practitioners who can work with a high degree of autonomy and skill. Graduates of the program are awarded a Master of Social Work.

TEACHER EDUCATION

Majors: Early Childhood Education, Early
Childhood/Elementary Education Double Major,
Elementary Education

Chair

Associate Professor Chin-Hsiu Chen, Ph.D.; University of Victoria,
British Columbia

Professors

Laurie Andes, Ed.D.; University of Maryland College Park

Ernest Bond, Ph.D.; Ohio State University

Keith J. Conners, Ph.D.; University of Connecticut

Teena Gorrow, Ed.D.; University of Maryland College Park

Associate Professors

Claudia R. Burgess, Ph.D.; University of Illinois at Urbana

Shanetia P. Clark, Ph.D.; Pennsylvania State University

Patricia K. Dean, Ph.D.; Pennsylvania State University

Althea Pennerman, Ph.D.; University of South Alabama

Diallo D. Sessoms, Ph.D.; University of Virginia

Assistant Professors

Vincent Ganareo, Ph.D.; University of North Dakota

Konstantine Kryiacopoulos, Ph.D.; University of Washington

Sehba Mahmood, Ph.D.; University of Auckland

Brandy J. Terrill, Ed.D.; University of Delaware

Lecturer

Amber Meyer, Ph.D.; Michigan State University

The Department of Teacher Education offers programs leading to the Bachelor of Science in early childhood education, elementary education and a double major in early childhood and elementary education.

All teacher education and school personnel programs are accredited by the National Council for Accreditation of Teacher Education and are approved by the Maryland State Department of Education. Requirements to education programs may change due to accreditation demands. Information about program changes may be verified with the education advisors.

The education faculty is committed to preparing classroom teachers. The department's programs are designed with the following goals:

1. Provide for the individualization of instruction of prospective teachers during their professional training.
2. Encourage the emergence of a personal teaching style on the part of each teacher in training.
3. Gather evidence that prospective teachers can bring about desired learning in students before they assume full responsibility for a classroom.
4. Assist prospective teachers in developing as reflective persons who, when confronted with a teaching problem, carefully identify the problem, take steps to accurately and systematically assess the problem, generate alternative solutions to the problem and choose an appropriate resolution on the basis of its desirable implications and consequences.
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Enhanced student learning: We celebrate human diversity and we are passionately committed to the belief that skilled and caring educators enhance learning and achievement when they recognize, appreciate and build upon the individual strengths and differences of every learner.

Scholarship: We are committed to academic excellence, ongoing scholarly inquiry, and integrity in our own work, in the efforts of our candidates, and by extension, in the primary mission of student learning in local schools.

Collaboration: We believe that the integrated mission of preparing teachers, advancing the knowledge base, supporting teachers' professional development and improving student achievement in P-12 schools can best be accomplished through carefully coordinated partnerships that include all stakeholders in the greater educational community.

Undergraduate Majors

ATHLETIC TRAINING

Department of Health and Sport Sciences

Dr. Jenny Toonstra, Program Director

410-677-5493

PLEASE NOTE: The Athletic Training Program has been suspended. The status of the program is in review. New students will not be admitted into the program during the period of suspension.

The Bachelor of Science in athletic training is meant to prepare students for the healthcare profession of athletic training. A degree in athletic training provides students with the competencies and proficiencies necessary to provide comprehensive athletic training services, including patient education and prevention, evaluation, rehabilitation and treatment of injuries. The athletic training major is accredited by the Commission on Accreditation of Athletic Training (CAATE). Upon program completion, students are eligible for the Board of Certification Examination (BOC). For the most up to date information visit the athletic training website linked from the Seidel School at www.salisbury.edu/seidel.

The athletic training major requires the following:

1. Complete the following General Education and/or prerequisite courses with grades of C or better:

		Credits
BIOL 215	Human Anatomy and Physiology I	4
BIOL 216	Human Anatomy and Physiology II	4
CHEM 121	General Chemistry I	4
or		
PHYS 121	General Physics I	4
CMAT 100	Fundamentals of Communication	4
or		
CMAT 205	Interpersonal Communication	4
or		
CMAT 250	Instructional Communication	4
MATH 155	Modern Statistics with Computer Analysis	3
FTWL 106	Lifelong Fitness and Wellness	3
PSYC 101	General Psychology	4

2. Complete the following core courses with grades of C or better:

		Credits
EXSC 250	Strength Training Techniques and Program Design	4
EXSC 344	Exercise Physiology	4
HLTH 317	Nutrition, Health and Human Performance	4

3. Apply for formal admission to the athletic training program prior to participation in the clinical education experience (see the Athletic Training Program director and the *SU Athletic Training Student Procedure Manual* for details).

4. Complete the following major courses with grades of C or better:

		Credits
ATTR 210	Foundations of Athletic Training	4
	(ATTR 210 must be completed at SU)	
ATTR 213	Pathology of Injury and Illness	4
ATTR 221	Risk Management Strategies	4
ATTR 245	Anatomy of Human Movement	4
ATTR 280	Therapeutic Modalities	4

ATTR 301	Clinical Practice Research	4
ATTR 320	Clinical Pathology	4
ATTR 321	Clinical Evaluation and Management	4
ATTR 370	Healthcare Administration for Athletic Training	4
ATTR 381	Orthopedic Assessment	4
ATTR 382	Foundations of Therapeutic Exercise	4
ATTR 384	Applied Therapeutic Exercise	4
ATTR 414	General Medical Conditions in Athletic Training	4
ATTR 420	Clinical Rehabilitation and Administration	4
ATTR 479	Athletic Training Practicum (P/F grading)	12

5. Maintain current certification in two-person CPR and AED through a nationally recognized agency.

6. Maintain a cumulative GPA of 2.80 at Salisbury University.

7. The Athletic Training Program at Salisbury University is a rigorous and intense program that places specific requirements and demands on the students. Students enrolled in the Athletic Training Program must meet the Technical Standards as outlined in the *Athletic Training Procedure Manual* and on the Salisbury University athletic training website.

8. Students must complete vaccination record, including Hepatitis B immunization (or signed waiver), tuberculosis screening and complete a physical examination prior to beginning clinical education experience.

9. Students must be aware that the required clinical experiences may infringe on weekends, holidays and semester breaks. The faculty and staff are available for academic and personal consultation regarding the responsibilities and time commitments needed to complete the academic and clinical requirements of the Athletic Training Program.

10. Students in the Athletic Training Program must complete a minimum of four semesters of academic and clinical work as a formally admitted Athletic Training Program student at Salisbury University or its approved clinical affiliates. This four-semester requirement is in addition to the Athletic Training Practicum (ATTR 479) course.

11. Students must comply with any additional program requirements as stated in the most current *Athletic Training Procedure Manual* and on the Salisbury University athletic training website.

12. Students in the Athletic Training Program must purchase uniforms and personal athletic training equipment and supplies for their classroom and clinical experiences.

13. Students are required to join the National Athletic Trainers' Association (NATA) as a student member and purchase liability insurance once admitted to the Athletic Training Program.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

COMMUNITY HEALTH

Department of Health and Sport Sciences

Dr. Brandye Nobiling, Program Director
410-677-0062

The Bachelor of Science in community health prepares students to work with individuals, groups and families in the worksite, health behavior organizations, university-based health services, wellness centers and employee health behavior

programs at the local, state or federal level. The program includes a General Education experience, a required major core curriculum of courses, a 450-hour internship experience and completion of an approved minor. The community health major provides students interested in health education the opportunity to pursue careers in health education throughout the community. Health educators are employed in a wide variety of settings, including hospitals, health departments, pharmacies, grocery stores, private nursing homes, government agencies, voluntary health agencies, health maintenance organizations and worksites. Community health educators carry out their mission through organized, interdisciplinary efforts that address the physical, mental and environmental health concerns of communities and populations at risk for disease and injury.

Community health education requirements are as follows:

1. Complete the following General Education courses with grades of C or better:

		Credits
BIOL 215	Human Anatomy and Physiology I	4
BIOL 216	Human Anatomy and Physiology II	4
FTWL 106	Lifelong Fitness and Wellness	3
MATH 155	Modern Statistics with Computer Analysis	3
PSYC 101	General Psychology	4

2. Complete the following core classes with grades of C or better:

		Credits
HLTH 110	Foundations of Health Education	3
HLTH 225	Health Behavior	3
HLTH 230	Chronic and Communicable Diseases	3
HLTH 240	Drug Education	3
HLTH 260	Health Literacy and Communication	4
HLTH 311	Human Sexuality Education	4
HLTH 317	Nutrition, Health and Human Performance	4
HLTH 325	Planning and Assessing Health Education Programs	4
HLTH 326	Measurement and Evaluation of Health Programs	4
HLTH 330	Principles of Epidemiology	4
HLTH 401	Community Health	4
HLTH 450	U.S. Healthcare and Public Health	4
HLTH 480	Internship in Community Health	12

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

EARLY CHILDHOOD EDUCATION

Department of Teacher Education

Dr. Patricia Dean, Program Director
410-548-5756

Candidates who successfully complete the early childhood education major are eligible to apply for Maryland State Department of Education certification in early childhood education, grades PreK-3.

Transfer Program for A.A.T. Candidates

Candidates who earn an Associate of Arts in Teaching (A.A.T.) in early childhood education from a Maryland community college are qualified for entry into the Professional Teacher Education Program. Admission to the Professional Teacher Education Program (PTEP) is granted based on the completion of your A.A.T. Candidates who earn an A.A.T. in early childhood education who change their major to elementary

education will have additional credits to complete. Please read the information below to determine your degree status.

Salisbury University Professional Teacher Education

Program admission requirements for A.A.T. candidates include:

1. Verify all A.A.T. requirements have been met and your degree is conferred by providing your most recent official transcript to the Office of Admissions. Submit a copy of the A.A.T. transcript to the Teacher Education Department.
2. Complete Praxis Core with passing scores and submit an official score report to the Teacher Education Department.
3. Submit a Professional Teacher Education Program A.A.T. application to the Teacher Education Department by the established deadline. The online application must be submitted by prior to the semester preceding enrollment in professional education courses.
4. Take ELED 202 (Technology in Education) the first semester of the program instead of ELED 305 (Learning and Assessment for Diverse Classrooms).

Pre-professional Requirements

1. Complete a minimum of 49 hours in the early childhood education program with an overall GPA 2.50 or higher (including transfer courses that fulfill general education program requirements.). Any courses older than seven years are subject to review for acceptance toward fulfilling degree requirements.
2. Earn a GPA of 2.75 or higher with grades of C or better for the following required pre-professional program courses.

► Foundation and Pre-Professional Courses

		Credits
ECED 251	Collaboration and Cooperation in Early Childhood Community	3
ELED 201	Introduction to Teaching	1
ELED 202	Technology in Education	4
MATH 130	Fundamental Concepts I	3

► Required General Education Courses

		Credits
ENGL 103	Composition and Research	4
MATH 150	Data and Probability Connections	3
MATH 230	Fundamental Concepts II	3
XXXX XXX	Gen. Ed. IIIA Humanities Elective	4
(Select from: art, communication arts, dance/theatre, modern language, music or philosophy)		

► Social Science Core

Within the 49 hours the candidate must complete with grades of C or better two of the following social science courses:

		Credits
HIST XXX	Gen. Ed. IIA (HIST 101 or 102)	4
HIST XXX	Gen. Ed. IIB History Course (above 103)	4
XXXX XXX	Gen. Ed. IIIB Social Science Elective	4
(Select from: anthropology, conflict analysis and dispute resolution, economics, human geography, political science, sociology)		

► Science Core

Complete two science lab courses from different Science Areas listed below:

		Credits
BIOL 101	Fundamentals of Biology	4
BIOL 150/	Environmental Science: Concepts and Methods	4
GEOG 150	Environmental Science: Concepts and Methods	4
BIOL 205	Fundamentals of Human Anatomy and Physiology	4
BIOL 210	Concepts and Methods	4

Science Area 2: Physical Systems

CHEM/		
PHYS 101	Physical Science	4
CHEM 107	Chemistry: A Humanistic Perspective	4
CHEM 109	Energy and the Environment	4
CHEM 121	General Chemistry	4
PHYS 108	Introduction to Astronomy	4
PHYS 121	General Physics I	4

Science Area 3: Earth Systems

GEOG 104	Earth and Space Science	4
GEOG 105	Introduction to Physical Geography	4
GEOG 150/	Environmental Science: Concepts and Methods	4
BIOL 150		
GEOG 201	Weather and Climate	4
GEOL 103	Introduction to Physical Geology	4

► STEM Elective

Complete one course (lab or non-lab) from below or from a Science Area above that was not used to fulfill the Science Core. STEM Elective must be a different prefix than courses used in Science Core.

		Credits
BIOL 105	Biology and Society	3
CHEM 111	Big Ideas in Chemistry	3
ENVR 102	Introduction to Sustainability	3
ENVR 200	Environmental Studies in the Amazon	3
ENVR 350	Topics in Natural Sciences	4
(Prereq.: Two lab sciences with different prefixes)		
ENVR 460	Topics in Chesapeake Bay Studies	3-4
(Prereq.: Sophomore standing)		
GEOG 111	Introduction to Oceans and Coasts	3
GEOG 141	Current Issues in Earth Science	3
ISED 208	Great Inventions	3
ISED 390	Studies in Integrated STEM Education	1-4
(under appropriate subtitle)		

3. Complete Praxis Core or the Maryland State Department of Education equivalent with passing scores and submit an official score report to the Teacher Education Department. Scores must be submitted prior to preregistration during the semester preceding enrollment in professional education courses. Information regarding Praxis Core and Praxis II requirements may be found at www.ets.org.

4. Exhibit appropriate professional program candidate dispositions. Professional dispositions are the values, commitments and professional ethics that influence behaviors toward students, families, colleagues and communities and affect student learning, motivation and development as well as the educator's own professional growth.

5. Submit a Professional Teacher Education Program application to the education advisor by the established deadline set by Teacher Education Department. The online application must be submitted by preregistration in the semester preceding enrollment in professional education courses.

Admission to Clinical Practice

1. Submit a Clinical Practice application to the education advisor by the established deadline set by Teacher Education Department. The online application must be submitted by preregistration in the semester preceding enrollment in internship courses.

2. Complete at least 95 credits toward the degree with grades of C or better, including transfer courses.

3. Complete and maintain a professional education course GPA of 2.75 with no grade below C (professional education courses may be repeated only once):

		Credits
ECED 352	Integrated Reading and Language Arts Birth-4	4
ECED 356	Play and Creativity in Early Childhood Education	4
ECED 451	Teaching Mathematics in Early Childhood Classrooms	4

ECED 452	Teaching Science in Early Childhood Classrooms.....	4
ECED 453	Teaching Social Studies in Early Childhood Classrooms	4
ELED 302	Integrated Reading and Language Arts Grades K-3	4
ELED 305	Learning and Assessment for Diverse Classrooms	4
ELED 317	Integrating Aesthetic Experiences into Teaching and Learning	4
ELED 320	Teaching Diverse Learners.....	4
ELED 350	Literature for Children.....	4
ELED 397	Diversity and the Self	1
ELED 398	Diversity and the Family	1
ELED 410	Literacy Assessment and Intervention	4
ELED 499	Diversity and the Community	1

Clinical Practice Requirements

- Complete the following professional education courses with grades of Pass in the Clinical Practice and C or better in the seminar (internship courses may be repeated only once):

ECED 455	Early Childhood Education Clinical Practice I	5
ECED 456	Early Childhood Education Clinical Practice II	5
ELED 411	Clinical Practice Seminar	4

- Complete a 100-day clinical experience in an assigned Professional Development School (PDS) field placement. Follow the school district and the University calendars to complete requirements.

Additional Requirements

- Complete the following courses with grade C or better. Courses that are completed prior to admission to the Professional Teacher Education Program will be used in the calculation of the admission GPA.

ENGL XXX	Gen. Ed. IB English/Literature Elective	4
FTWL 106	Lifelong Fitness and Wellness	3

- Requirements to professional programs may change due to changes in accreditation requirements. Information about program changes can be verified with the assigned academic advisor.

Graduation Requirements

- Complete Praxis II with Maryland State Department of Education passing scores and submit an official score report to the Teacher Education Department. Passing scores must be submitted prior to graduation. Information regarding Praxis II requirements may be found at www.ets.org.
- Complete a minimum of 120 credits.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

EARLY CHILDHOOD/ELEMENTARY DOUBLE MAJOR

Department of Teacher Education

Dr. Patricia Dean, Program Director
410-548-5756

Candidates who successfully complete the elementary/early childhood education major are eligible to apply for Maryland State Department of Education certification in early childhood education, grades PreK-3 and elementary education, grades 1-6.

Transfer Program for A.A.T. Candidates

Candidates who earn an Associate of Arts in Teaching (A.A.T.) in early childhood education or elementary education from a Maryland community college are qualified for entry into the Professional Teacher Education Program. Admission to the Professional Teacher Education Program (PTEP) is granted based on the completion of your A.A.T. Please read the information below to determine your degree status.

Salisbury University Professional Teacher Education Program admission requirements for A.A.T. candidates include:

- Verify all A.A.T. requirements have been met and your degree is conferred by providing your most recent official transcript to the Office of Admissions. Submit a copy of the A.A.T. transcript to the Teacher Education Department.
- Complete Praxis Core with passing scores and submit an official score report to the Teacher Education Department.
- Submit a Professional Teacher Education Program A.A.T. application to the Teacher Education Department by the established deadline. The online application must be submitted by prior to the semester preceding enrollment in professional education courses.
- Take ELED 202 (Technology in Education) the first semester of the program instead of ELED 305 (Learning and Assessment for Diverse Classrooms).

Pre-professional Requirements

- Complete a minimum of 49 hours in the early childhood education program with an overall GPA 2.50 or higher (including transfer courses that fulfill general education program requirements.). Any courses older than seven years are subject to review for acceptance toward fulfilling degree requirements.
- Earn a GPA of 2.75 or higher with grades of C or better for the following required pre-professional program courses.

► Foundation and Pre-Professional Courses

ECED 251	Collaboration and Cooperation in Early Childhood Community	3
ELED 201	Introduction to Teaching	1
ELED 202	Technology in Education	4
MATH 130	Fundamental Concepts I	3
PSYC 320	Psychology of Infancy and Childhood	4

► Required General Education Courses

ENGL 103	Composition and Research	4
MATH 150	Data and Probability Connections	3
MATH 230	Fundamental Concepts II	3
XXXX XXX	Gen. Ed. IIIA Humanities Elective	4
(Select from: art, communication arts, dance/theatre, modern language, music or philosophy)		

► Social Science Core

Within the 56 hours the candidate must complete with grades of C or better two of the following social science courses:

HIST XXX	Gen. Ed. IIA (HIST 101 or 102)	4
HIST XXX	Gen. Ed. IIB History Course (above 103)	4
XXXX XXX	Gen. Ed. IIIB Social Science Elective	4
(Select from: anthropology, conflict analysis and dispute resolution, economics, human geography, political science, sociology)		

► Science Core

Complete two science lab courses from different Science Areas listed below:

	Credits
Science Area 1: Living Systems	
BIOL 101 Fundamentals of Biology	4
BIOL 150/ GEOG 150 Environmental Science: Concepts and Methods	4
BIOL 205 Fundamentals of Human Anatomy and Physiology	4
BIOL 210 Concepts and Methods	4
Science Area 2: Physical Systems	
CHEM/ PHYS 101 Physical Science	4
CHEM 107 Chemistry: A Humanistic Perspective	4
CHEM 109 Energy and the Environment	4
CHEM 121 General Chemistry	4
PHYS 108 Introduction to Astronomy	4
PHYS 121 General Physics I	4
Science Area 3: Earth Systems	
GEOG 104 Earth and Space Science	4
GEOG 105 Introduction to Physical Geography	4
GEOG 150/ BIOL 150 Environmental Science: Concepts and Methods	4
GEOG 201 Weather and Climate	4
GEOL 103 Introduction to Physical Geology	4

► STEM Elective

Complete one course (lab or non-lab) from below or from a Science Area above that was not used to fulfill the Science Core. STEM Elective must be a different prefix than courses used in Science Core.:

	Credits
BIOL 105 Biology and Society	3
CHEM 111 Big Ideas in Chemistry	3
ENVR 102 Introduction to Sustainability	3
ENVR 200 Environmental Studies in the Amazon	3
ENVR 350 Topics in Natural Sciences	4
(Prereq.: Two lab sciences with different prefixes)	
ENVR 460 Topics in Chesapeake Bay Studies	3-4
(Prereq.: Sophomore standing)	
GEOG 111 Introduction to Oceans and Coasts	3
GEOG 141 Current Issues in Earth Science	3
ISED 208 Great Inventions	3
ISED 390 Studies in Integrated STEM Education	1-4
(under appropriate subtitle)	
3. Submit passing scores as for the Praxis Core or (Maryland State Department of Education equivalent) and provide an official score report to the Teacher Education Department. Scores must be submitted prior to preregistration in the semester preceding enrollment in professional education courses. More information regarding Maryland State Department of Education Praxis Core and Praxis II requirements may be found at www.ets.org .	
4. Exhibit appropriate professional program candidate dispositions. Professional dispositions are the values, commitments and professional ethics that influence behaviors toward students, families, colleagues and communities and affect student learning, motivation and development as well as the educator's own professional growth. See www.salisbury.edu/teachered/ELED/candidate_dispositions.html for more information.	
5. Submit a Professional Teacher Education Program application to the education advisor by the established deadline set by Teacher Education Department. The online application must be submitted by preregistration in the semester preceding enrollment in professional education courses.	

Admission to Clinical Practice

Prior to Clinical Practice, elementary/early childhood education majors must do the following:

- Complete an application for formal admission to the Clinical Practice by the deadline set by the Teacher Education Department. The online application must be submitted by preregistration in the semester preceding enrollment in internship courses.
- Complete at least 107 credits toward the degree with grades of C or better, including transfer courses.
- Complete and maintain a professional education course GPA of 2.75 with no grade below C (professional education courses may be repeated only once):

	Credits
ECED 352 Integrated Reading and Language Arts Birth-4	4
ECED 356 Play and Creativity in Early Childhood Education	4
ECED 366 Integrating Early Childhood Curriculum	4
ELED 302 Integrated Reading and Language Arts Grades K-3	4
ELED 305 Learning and Assessment for Diverse Classrooms	4
ELED 317 Integrating Aesthetic Experiences into Teaching and Learning	4
ELED 320 Teaching Diverse Learners.....	4
ELED 330 Integrated Reading and Language Arts Grades 3-6	4
ELED 340 Building Classroom Community	4
ELED 350 Literature for Children	4
ELED 397 Diversity and the Self	1
ELED 398 Diversity and the Family	1
ELED 403 Teaching Science in Elementary Classrooms	4
ELED 405 Teaching Social Studies in Elementary Classrooms	4
ELED 406 Teaching Mathematics in Elementary Classrooms	4
ELED 410 Literacy Assessment and Intervention	4
ELED 499 Diversity and the Community	1

Additional Requirements

- Complete the following courses with grade C or better. Courses that are completed prior to admission to the Professional Teacher Education Program will be used in the calculation of the admission GPA.

ENGL XXX	Gen. Ed. IB English/Literature Elective	4
FTWL 106	Lifelong Fitness and Wellness	3

Clinical Practice Requirements

- Complete the following professional education courses with grades of Pass in the Clinical Practice and C or better in the seminar (internship courses may be repeated only once).

ECED 455	Early Childhood Education Clinical Practice I	5
ELED 411	Clinical Practice Seminar	4
ELED 421	Elementary Education Clinical Practice I	5
ELED 423	Double Education Major Clinical Practice	2

- Complete a 115-day clinical experience in an assigned Professional Development School (PDS) field placement. Follow the school district and the University calendars to complete requirements.
- Requirements to education programs may change due to accreditation requirements. Information about program changes can be verified with the assigned academic advisor.

Graduation Requirements

- Complete Praxis II with Maryland State Department of Education passing scores and submit an official score report to the Department of Teacher Education. Passing scores must be submitted prior to graduation. Information regarding Praxis II requirements may be found at www.ets.org.
- Complete a minimum of 120 credits.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

ELEMENTARY EDUCATION

Department of Teacher Education

Dr. Claudia Burgess, Program Director
410-548-5794

Candidates who successfully complete the elementary education major are eligible to apply for Maryland State Department of Education certification in grades 1-6.

Transfer Program for A.A.T. Candidates

Candidates who earn an A.A.T. in elementary education from a Maryland community college are qualified for entry into the Professional Teacher Education Program. Admission to the Professional Teacher Education Program (PTEP) is granted based on the completion of your A.A.T. Candidates who earn an A.A.T. in elementary education who change their major to Early Childhood Education will have additional credits to complete. Please read the information below to determine your degree status.

Salisbury University Professional Teacher Education Program admission requirements for A.A.T. candidates include:

- 1. Verify all A.A.T. requirements have been met and your degree is conferred by providing your most recent official transcript to the Office of Admissions. Submit a copy of the A.A.T. transcript to the Teacher Education Department.
- 2. Complete Praxis Core with passing scores and submit an official score report to the Teacher Education Department.
- 3. Submit a Professional Teacher Education Program A.A.T. application to the Teacher Education Department by the established deadline. The online application must be submitted by prior to the semester preceding enrollment in professional education courses.
- 4. Take ELED 202 (Technology in Education) the first semester of the program instead of ELED 305 (Learning and Assessment for Diverse Classrooms).

Pre-professional Requirements

- 1. Complete a minimum of 46 hours in the early childhood education program with an overall GPA 2.50 or higher (including transfer courses that fulfill general education program requirements.). Any courses older than seven years are subject to review for acceptance toward fulfilling degree requirements.
- 2. Earn a GPA of 2.75 or higher with grades of C or better for the following required pre-professional program courses.

Foundation and Pre-Professional Courses

Table with 2 columns: Course ID, Course Name, Credits. Rows include ELED 201 Introduction to Teaching (1), ELED 202 Technology in Education (4), MATH 130 Fundamental Concepts I (3), PSYC 320 Psychology of Infancy and Childhood (4).

Required General Education Courses

Table with 2 columns: Course ID, Course Name, Credits. Rows include ENGL 103 Composition and Research (4), MATH 150 Data and Probability Connections (3), MATH 230 Fundamental Concepts II (3), XXXX XXX Gen. Ed. IIIA Humanities Elective (4).

Social Science Core

Within the 46 hours the candidate must complete with grades of C or better two of the following social science courses:

Table with 2 columns: Course ID, Course Name, Credits. Rows include HIST XXX Gen. Ed. IIA (HIST 101 or 102) (4), HIST XXX Gen. Ed. IIB History Course (above 103) (4), XXXX XXX Gen Ed. IIIB Social Science Elective (4).

Science Core

Complete two science lab courses from different Science Areas listed below:

Table with 2 columns: Course ID, Course Name, Credits. Rows are categorized by Science Area 1: Living Systems, Science Area 2: Physical Systems, and Science Area 3: Earth Systems.

STEM Elective

Complete one course (lab or non-lab) from below or from a Science Area above that was not used to fulfill the Science Core. STEM Elective must be a different prefix than courses used in Science Core.:

Table with 2 columns: Course ID, Course Name, Credits. Rows include BIOL 105 Biology and Society (3), CHEM 111 Big Ideas in Chemistry (3), ENVR 102 Introduction to Sustainability (3), ENVR 200 Environmental Studies in the Amazon (3), ENVR 350 Topics in Natural Sciences (4), ENVR 460 Topics in Chesapeake Bay Studies (3-4), GEOG 111 Introduction to Oceans and Coasts (3), GEOG 141 Current Issues in Earth Science (3), ISED 208 Great Inventions (3), ISED 390 Studies in Integrated STEM Education (1-4).

- 3. Submit passing scores for the Praxis Core or Maryland State Department of Education equivalent and provide an official score report to the Teacher Education Department. Scores must be submitted prior to preregistration in the semester preceding enrollment in professional education courses. More information regarding Maryland State Department of Education Praxis Core and Praxis II requirements may be found at www.ets.org.
- 4. Exhibit appropriate professional program candidate dispositions. Professional dispositions are the values, commitments and professional ethics that influence behaviors toward students, families, colleagues and communities and affect student learning, motivation and development as well as the educator's own professional growth. See www.salisbury.edu/teachered/ELED/candidate_dispositions.html for more information.

- 5. Submit a Professional Teacher Education Program application to the education advisor by the established deadline set by Department of Teacher Education. The online application must be submitted by preregistration in the semester preceding enrollment in professional education courses.

Admission to Clinical Practice

Prior to Clinical Practice, elementary education majors must do the following:

- 1. Complete an application for formal admission to the Clinical Practice by the deadline set by the Teacher Education Department. The online application must be submitted by preregistration in the semester preceding enrollment in internship courses.
- 2. Complete at least 93 credits toward the degree with grades of C or better, including transfer courses.
- 3. Complete and maintain a professional education course GPA of 2.75 with no grade below C (professional education courses may be repeated only once):

Table with 2 columns: Course ID, Course Name, Credits. Rows include ELED 302 Integrated Reading and Language Arts Grades K-3 (4), ELED 305 Learning and Assessment for Diverse Classrooms (4), ELED 317 Integrating Aesthetic Experiences into Teaching and Learning (4), ELED 320 Teaching Diverse Learners (4), ELED 330 Integrated Reading and Language Arts Grades 3-6 (4), ELED 340 Building Classroom Community (4), ELED 350 Literature for Children (4), ELED 397 Diversity and the Self (1), ELED 398 Diversity and the Family (1), ELED 403 Teaching Science in Elementary Classrooms (4), ELED 405 Teaching Social Studies in Elementary Classrooms (4), ELED 406 Teaching Mathematics in Elementary Classrooms (4), ELED 410 Literacy Assessment and Intervention (4), ELED 499 Diversity and the Community (1).

Additional Requirements

- 1. Complete the following courses with grade C or better. Courses that are completed prior to admission to the Professional Teacher Education Program will be used in the calculation of the admission GPA.

Table with 2 columns: Course ID, Course Name, Credits. Rows include ENGL XXX Gen. Ed. IB English/Literature Elective (4), FTWL 106 Lifelong Fitness and Wellness (3).

Clinical Practice Requirements

- 1. Complete the following professional education courses with grades of Pass in the Clinical Practice and C or better in the seminar (internship courses may be repeated only once).
- 2. Complete a 100-day clinical experience in an assigned Professional Development School (PDS) field placement. Follow the school district and the University calendars to complete requirements.
- 3. Requirements to education programs may change due to accreditation requirements. Information about program changes can be verified with the assigned academic advisor.

Graduation Requirements

- 1. Complete Praxis II with Maryland State Department of Education passing scores and submit an official score report

to the Teacher Education Department. Passing scores must be submitted prior to graduation. Information regarding Praxis II requirements may be found at www.ets.org.

- 2. Complete a minimum of 120 credits.

Checklist

For a major checklist visit www.salisbury.edu/checklists.

EXERCISE SCIENCE

Department of Health and Sport Sciences

Dr. Brent Fedorko, Program Director
410-677-0075

The Bachelor of Science in exercise science includes a General Education experience, a core of required course work and a culminating internship/seminar experience. The exercise science major prepares students to work in the health/fitness industry as personal trainers, strength and conditioning coaches, aerobics instructors and wellness program directors. Students wishing to pursue careers in allied health fields may elect to complete additional courses in preparation for graduate education in exercise science or other pre-professional health-related disciplines for graduate education in exercise science or other pre-professional health-related disciplines such as physical therapy, physician assistance and medicine.

The program also is designed to prepare students for professional certification through the College of Sports Medicine or the National Strength and Conditioning Association. As a required component of the B.S. in exercise science, students must pass a certification exam in the health-fitness field in order to graduate. Professional certifications come with an additional cost to the student. The exercise science major is administered through the Health and Sport Sciences Department. Exercise science requirements include the following:

- 1. Complete the following General Education courses with a grade of C or better:
- FTWL 106 Lifelong Fitness and Wellness (3)
PHYS XXX laboratory course (4)
or
CHEM XXX laboratory course (4)

- 2. Complete the following required major core curriculum (48 hours) with a grade of C or better:

Table with 2 columns: Course ID, Course Name, Credits. Rows include BIOL 215 Human Anatomy and Physiology I (4), BIOL 216 Human Anatomy and Physiology II (4), EXSC 213 Injury Prevention and Emergency Management (4), EXSC 240 Fitness Testing (4), EXSC 250 Strength Training Techniques and Program Design (4), EXSC 295 Fitness Instruction (4), EXSC 300* Health and Fitness Programs and Professions (4), EXSC 333* Kinesiology (4), EXSC 344* Exercise Physiology (4), EXSC 462* Exercise and Special Populations (4), EXSC 472* Stress Testing and Exercise Prescription (4), HLTH 317* Nutrition, Health and Human Performance (4).

- 3. Complete the following professional semester (12 hours). Students are eligible for the professional semester after they complete EXSC 333 and 344, and 90 credit hours, or with departmental approval.

EXSC 479	Internship in Exercise Science	Credits 10
EXSC 480	Exercise Science Seminar	2

Allied Health Track Courses (22 hours)

Students electing the track must:

1. Earn an overall GPA of 3.0 upon graduation.
2. Complete the following General Education courses with a grade of C or better:

PSYC 101	Introduction to Psychology	Credits 4
MATH 155	Statistics	3
CHEM 121	General Chemistry I	4
or		
PHYS 121	General Physics I	4

3. Complete 22 credit hours from the following list of courses with a grade of C or better in addition to all of the exercise science requirements listed above:

ATTR 210	Foundations of Athletic Training	Credits 4
BIOL 101	Fundamentals of Biology	4
BIOL 210	Biology: Concepts and Methods	4
BIOL 211	Microbiology	4
BIOL 213	Zoology	4
CHEM 121	General Chemistry I	4
or		
PHYS 121	General Physics I	4
CHEM 122	General Chemistry II	4
CHEM 221	Organic Chemistry I	4
CHEM 222	Organic Chemistry II	4
EXSC 301	Research Methods in Exercise Science	3
EXSC 308	Research in Exercise Science	3
MATH 160	Introduction to Applied Calculus	4
PHYS 123	General Physics II	4
PSYC 300	Developmental Psychology	4
PSYC 302	Abnormal Psychology	4
PSYC 320	Psychology of Infancy and Childhood	4
RESP 303	Cardiopulmonary Physiology	3
RESP 304	Cardiopulmonary Disease	3
RESP 322	Pharmacology	3
RESP 402	Pulmonary Diagnostics and Rehab	4

Checklist

For a major checklist visit www.salisbury.edu/checklists.

PHYSICAL EDUCATION

Department of Health and Sport Sciences

Dr. Yoojim Choi, Program Director
410-543-6177

The Bachelor of Science in physical education teacher education is a professional preparation program that prepares physical education teachers for K-12 teaching. This teacher preparation program provides students with the pedagogical and content knowledge necessary to teach in the public and private sector. The physical education major is an accredited program through the National Association of Sport and Physical Education (NASPE) and the National Council for Accreditation of Teacher Education (NCATE). This program includes a General Education experience, a theoretical core of foundation courses, and a professional semester practicum experience in the fall of the senior year followed by a professional semester, half in an elementary school and the other half in a middle or high school. Physical education majors are exempt from the General Education requirement of FTWL 106: Lifelong Fitness and Wellness by earning a minimum grade of C in PHED 175.

Candidates who successfully complete the physical education major are eligible to apply for Maryland State Department of Education certification in physical education, grades K-12.

Pre-professional Requirements

1. Complete a minimum of 56 hours in the physical education program with an overall GPA of 2.50 or higher (including transfer courses that apply to the major). Any courses older than seven years are subject to review for acceptance toward fulfilling degree requirements.
2. Earn a GPA of 2.75 or higher with grades of C or better for required pre-professional program courses (including transfer courses that apply to the major):

BIOL 205	Fundamentals of Human Anatomy and Physiology	Credits 4
EDUC 210	Schools in a Diverse Society	3
ENGL 103	Composition and Research	4
PHED 135*	Foundations of Physical Education	3
PHED 175*	Introduction to Wellness and Fitness	4
PHED 245*	Movement Activities	4
PHED 260*	Teaching Team Sports and Concepts and Tactics I	3
PHED 263*	Teaching Team Sports and Concepts and Tactics II	3
PHED 275*	Management and Instructional Strategies in Physical Education	4
PHED 352*	Motor Learning	3
PSYC 101	General Psychology	3
SCED 300	Development, Learning and Assessment	3

* Pre-professional physical education courses may be repeated only once.

3. Complete a minimum of 30 observation hours in approved field experience placement.
4. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education (see advisor regarding passing scores). Scores must be submitted prior to preregistration during the semester preceding enrollment in professional education courses. Information regarding Praxis Core and Praxis II requirements may be found at www.ets.org.
5. Submit evidence of CPR certification.
6. Exhibit appropriate professional program candidate dispositions. Professional dispositions are the values, commitments and professional ethics that influence behaviors toward students, families, colleagues and communities and affect student learning, motivation and development as well as the educator's own professional growth. See www.salisbury.edu/pds/Field_Exp_Tools/candidate_tools.html for more information.
7. Submit a Professional Teacher Education Program online application to the physical education advisor by the established deadline set by the Health and Sport Sciences Department. The application must be submitted by preregistration in the semester preceding enrollment in professional education courses.

Admission to Internship

1. Submit an internship application to the physical education advisor by the established deadline set by the Health and Sport Sciences Department. The online application must be submitted by preregistration in the semester preceding enrollment in internship courses.
2. Complete at least 90 credits toward the degree with grades of C or better, including transfer courses.
3. Provide evidence of MAHPERD professional membership.
4. Complete professional education courses with a GPA of 2.75 with no grade below C (professional education courses may be repeated only once):

PHED 350	Assessment in Physical Education	Credits 3
PHED 375	Contemporary Curriculum and Analysis of Teaching in Physical Education	3
PHED 400	Adapted Physical Education	4

Internship Requirements

1. Complete the following professional education internship courses with grades of Pass and C or better (internship courses may be repeated only once). Maintain a professional program GPA of 2.75:
PHED 410 Elementary School Physical Education4
PHED 420 Secondary School Physical Education4
PHED 470 Internship II in Elementary Physical Education6
PHED 471 Internship II in Secondary Physical Education6
PHED 481 Seminar in Physical Education3
2. Complete a 100-day clinical experience in an assigned Professional Development School (PDS) field placement. Follow the school district and the University calendars to complete requirements.

Additional Requirements

1. Complete the following courses with grades of C or better. Courses that are completed prior to admission to the Professional Teacher Education Program will be used in the calculation of the admission GPA.
EXSC 333 KinesiologyCredits
EXSC 344 Exercise Physiology4
PHED 351 Psychosocial Aspects of Physical Education3
SCED 318** Computers in Education3
or
SCED 319** Technology in Education1
SCED 424** Teaching Reading in the Content Area II3
or
HLTH 461** School Health and Reading Methods II4
(Prerequisites: HLTH 325 and/or HLTH 360)
** Requires admission to the Professional Teacher Education Program.
2. Requirements to professional programs may change due to changes in accreditation requirements. Information about program changes may be verified with the assigned academic advisor.

Graduation Requirements

1. Complete Praxis II with Maryland State Department of Education passing scores and submit an official score report to the Teacher Education Department. Passing scores must be submitted prior to graduation. Information regarding Praxis II requirements may be found at www.ets.org.
State of Maryland passing scores on appropriate Praxis II exams are required for graduation from the Early Childhood Education Program. See education advisor for appropriate test and passing scores.
2. Earn an overall GPA of 2.50.
3. Earn a professional program GPA of 2.75 with no professional program course grade below C.
4. Complete a minimum of 120 credits.

Checklist

For a major checklist visit www.salisbury.edu/checklists.

SECONDARY TEACHING LICENSURE

K-12 certification programs in ESOL, music and physical education are offered by the English, Music, and Health and Sport Sciences departments.

Transfer Program for A.A.T. Students

Students who earn an Associate of Arts in Teaching (A.A.T.) in chemistry, English, mathematics, physics or Spanish from a Maryland community college are qualified for entry into the Professional Teacher Education Program. Check with your education advisor for information regarding additional program completion requirements.

Teacher Certification

Pre-professional Requirements

1. Complete the following pre-professional requirements with grades of C or better. See major for specific content requirements.
EDUC 210 School in a Diverse SocietyCredits
ENGL 103 Composition and Research4
SCED 300 Development, Learning and Assessment3
2. Show satisfactory results on Praxis Core, SAT or ACT examinations as defined by the Maryland State Department of Education. See education advisor regarding passing scores.

Professional Program

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the professional program. Obtain written approval of the application from both content and education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.
6. Exhibit appropriate professional program candidate dispositions. Professional dispositions are the values, commitments and professional ethics that influence behaviors toward students, families, colleagues and communities and affect student learning, motivation and development as well as the educator's own professional growth. See www.salisbury.edu/pds/Field_Exp_Tools/candidate_tools.html for more information.

Methods Requirements

1. To be eligible for internship, all students enrolled in a secondary or K-12 program must complete the appropriate methods courses for the content major and the following courses in education with grades of C or better:

SCED 318*	Computers in Education	Credits 3
or		
SCED 319*	Technology in Education	1
SCED 367	Inclusive Instruction for Secondary Teachers	3
SCED 434	Classroom Management	3

SCED 3XX	CONTENT AREA and Reading Methods in the Middle and High School Part I	4
SCED 4XX	CONTENT AREA and Reading Methods in the Middle and High School Part II	4
* Mathematics majors take SCED 320, Technology in Mathematics Education, instead of SCED 318 or 319. Music majors take MUED 319, Technology in Music Education.		

2. The Maryland State Board of Education mandates all secondary/K-12 pre-and in-service teachers have six hours coursework in reading. Secondary education majors who complete the secondary education program will have satisfied the six hours course work in reading by program integration. Physical education K-12 majors will satisfy the course work by completing one methods course integrating reading outcomes and taking Teaching Reading in the Content Areas Part II (SCED 424).

► Internship and Seminar

Student interns will be assigned to a Professional Development School (PDS) for their internship experience. This internship will consist of a minimum of 100 days. In order to meet the 100-day requirement, interns are required to follow the calendar of the school district in which the PDS is located. Interns are responsible for their own transportation to the PDS site.

Candidates must meet the following requirements for internship:

1. Complete an application for formal admission to the internship.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall grade point average of at least 2.50 including transfer credit.
4. Have a minimum grade point average of at least 2.75 in the academic major courses, including transfer credits, as defined by each academic department.
5. Have a minimum average of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Exhibit appropriate professional program candidate dispositions. Professional dispositions are the values, commitments and professional ethics that influence behaviors toward students, families, colleagues and communities and affect student learning, motivation and development as well as the educator's own professional growth. See www.salisbury.edu/pds/Field_Exp_Tools/candidate_tools.html for more information.

All secondary education majors are required to pass the following:

	Credits
SCED 426	Internship in Middle or High School Education
SCED 428	Internship in Middle or High School Education
SCED 433*	Reflection and Inquiry in Teaching Practice
	(with a grade of C or better)

* Students are required to follow the University calendar with respect to attendance in SCED 433.

► Graduation Requirement

State of Maryland passing scores on appropriate Praxis II exams are required for completion of secondary education certification and graduation. French/Spanish secondary students must pass the Maryland Praxis content tests or the ACTFL Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WTP) in French/Spanish. See education advisor regarding appropriate tests and passing scores.

SOCIAL WORK

Department of Social Work

Dr. Batya Hyman, Chair
410-677-5346

Dr. Jennifer R. Jewell, Undergraduate Program Director
410-677-5050

Students majoring in social work must meet the following requirements (transfer students must take a minimum of 23 hours in social work at Salisbury University):

1. Complete the following 54 credit hours of core courses with grades of C or better. No social work course may be repeated more than once.:

	Credits
SOWK 200	Introduction to the Social Work Profession
SOWK 300	Human Behavior in the Social Environment
SOWK 302	Human Behavior in the Social Environment II
SOWK 306	Social Welfare History and Contemporary Issues
SOWK 309	Privilege and Oppression
SOWK 310	Basic Interviewing: Skills and Techniques
SOWK 320	Social Work Practice I
SOWK 330	Policy Practice: Analyst and Advocate
SOWK 400	Social Work Practice II
SOWK 410	Social Work Practice III
SOWK 416	Social Work Research I
SOWK 417	Social Work Research II
SOWK 420	Field Instruction I
SOWK 421	Field Instruction II

2. Complete the following courses with grades of C or better:

	Credits
MATH 155	Modern Statistics with Computer Analysis
or	
PSYC 220	Psychological Statistics
PSYC 101	General Psychology

3. Complete one of the following courses to fulfill the social science support course requirement:

	Credits
ANTH 100	Cultural Anthropology and Linguistics
CADR 200	Foundations of Conflict and Conflict Resolution
ECON 150	Principles of Economics
POSC 110	American National Government
POSC 202	State and Local Government in the U.S.
SOCI 101	Introduction to Sociology
SOCI 201	Social Problems

Students are additionally encouraged to consider elective courses in art, business administration, communication arts, conflict analysis and dispute resolution, economics, language, philosophy, political science, psychology, sociology, and statistics. Faculty advisement in curriculum planning is required.

General Information

► Admission to Social Work Program

Students must apply for admission to the social work program during their junior year. Prior to enrolling in upper-level social work courses students must:

1. Satisfactorily complete a minimum of 45 hours with an overall grade point average of 2.50 or better, including transfer credit. The 45 credits must include the courses with grades of C or better:

	Credits
MATH 155	Modern Statistics with Computer Analysis
or	
PSYC 220	Psychological Statistics
XXXX XXX	Social Science Support Course (see No. 3)
PSYC 101	General Psychology
SOWK 200	Introduction to Social Work and Social Welfare
SOWK 300	Human Behavior in the Social Environment I
SOWK 310	Basic Interviewing: Skills and Techniques

2. Have a GPA of 2.70 in the academic major courses, including the three prerequisite courses listed above.
3. Complete an application for formal admission to the social work program, which includes personal statements.
4. Have an academic plan showing how the student can enter field instruction the following fall semester.

► Pending Legal Action and Conviction Statement

Persons who indicate on the application to the major that they have pending legal action or convictions will be asked to supply documentation on the nature of the offense(s) and the disposition. Individuals admitted to the program who are facing pending legal action or convictions may have restrictions placed on the area of study and field placements they may pursue. In addition, some field placement agencies require a criminal background check.

Applicants are also advised that the Professional Standards Committee of the Maryland Board of Social Work Examiners may refuse to issue a license or certificate of registration to any person who has been convicted of any crime in this or any other state. Applicants may be denied admission, or if enrolled, terminated from the program if they have not been truthful or provided inaccurate information in the application.

► Admission to Field Instruction

Students are expected to complete a two semester/term field instruction internship in the same social service agency. Prior to entering the field instruction, students must:

1. Complete the written application for internship.
2. Complete the minimum of 75 hours, including at least six hours of social work practice courses.
3. Have a minimum grade point average of 2.50 overall, including transfer credits, and 2.70 in the academic major courses.
4. Interns are responsible for their own transportation related to their field internship.

► Life Experience Statement

No credit will be given for work or life experience.

► SU/UMES Dual-Degree Program: Social Work/Sociology

Salisbury University and the University of Maryland Eastern Shore have established a dual-degree program through which UMES students can earn a Bachelor of Arts in Social Work (B.A.S.W.) from SU and a Bachelor of Science in sociology from UMES. The program, which can be completed in 120 hours, is accredited by the Council on Social Work Education through SU.

The program prepares graduates for entry-level professional social work positions, state licensure and graduate education. The program is made possible through the cooperative efforts of the institutions in sharing resources to expand the opportunities for students on both campuses.

UMES students in this program will complete registration for Salisbury courses by submitting an inter-institutional enrollment form available from their advisor or the Registrar's Office.

► Checklist

For a major checklist visit www.salisbury.edu/checklists.

Graduate Programs

EDUCATION SPECIALTIES DEPARTMENT

Dr. Ron Siers, Chair

410-677-5486

Dr. Gwen Beegle, Director of Graduate Programs
in Education

410-543-6281

MASTER OF ARTS IN TEACHING

Department of Education Specialties

Dr. Regina Royer, Program Director

410-548-3949

The Master of Arts in Teaching (M.A.T.) is a professional degree cohort program designed to prepare students for initial teacher certification. Candidates in this program must possess an earned baccalaureate degree and appropriate content coursework for certification in one of the following state-approved areas: agriculture, art, biology, business education, chemistry, earth science, English, French, history, mathematics, music (vocal and instrumental), physics, Spanish or technology education. This NCATE and Maryland State Department of Education-approved program prepares candidates for licensure to teach at the secondary and K-12 levels.

The M.A.T. is a collaborative degree program offered by Salisbury University and the University of Maryland Eastern Shore. Students are admitted by a joint admissions process and take coursework on the campuses of both universities, taught by the faculties of both institutions.

Students apply for admission to either SU or UMES, depending upon which university offers the appropriate Maryland State Department of Education-approved content area program for teacher certification. SU offers approved programs in the areas of biology, chemistry, earth science, English, French, history, mathematics, music (vocal and instrumental), physics and Spanish.

UMES offers approved programs in the areas of agriculture, art, biology, business, chemistry, English, family and consumer sciences, mathematics, social studies and technology education.

Admission to Program

Admission to the M.A.T. at SU requires the following additional application documents and requirements specified by the Department of Education Specialties:

- Submit to Salisbury University official transcripts from all colleges and universities attended indicating a baccalaureate degree in an appropriate content area*.
- Possess an undergraduate grade point average of at least 3.0 in the last half of the undergraduate program, or possess a prior graduate degree.

- Complete Salisbury University application for graduate program admission.
- Complete a Residency/Domicile Information Form (if applying for in-state tuition).
- Submit Maryland State Department of Education approved passing scores for Praxis Core or Maryland State Department of Education equivalent scores (SAT, GRE or ACT).
- Submit three letters of recommendation from individuals who can speak to the following criteria:
 - ability to write at an appropriate skill level for graduate-level work; and
 - level of motivation appropriate to carry the candidate through a rigorous graduate program.
- Undergo a structured interview by appropriate M.A.T. Admissions Committee.

* **Content Area Deficiencies:** Typically candidates are admitted to the M.A.T. program with no more than one content course deficiency. (See content major checklists on the SU website.) Candidates, once admitted, are expected to meet with their education advisor to develop an approved plan of study for completion of necessary content area coursework deficiencies as well as program coursework. It is essential that each candidate and advisor meet to clarify the specific requirements for program completion. Praxis II Content may be required for admission into the program, see program director for more information. All program and content courses must be completed with grades of C or better before the degree is conferred.

Program of Study

The following courses are required for the M.A.T.:

► M.A.T. Core: 21 Credits

	Credits
EMAT 501 Development and Learning Applied to Teaching	3
EMAT 502 Foundations of Education in a Diverse and Democratic Society	3
EMAT 506 The Inclusive Classroom	3
EMAT 512 Classroom Management: Theory and Practice	3
EMAT 537 Educational Research	3
EMAT 538 Technology in Education	3
EMAT 539 Instruction and Assessment for Student Learning	3

The methods course block is content-area specific. Candidates in physical education, who do not meet the MSDE reading requirement through their methods courses, will be expected to take additional courses.

For English, foreign language, health, history, math or science certification, complete the appropriate content area methods courses:

► Content Area Methods Courses: 6-9 Credits

	Credits
English	
EMAT 526 English and Reading Methods in Secondary Schools Part I	3
EMAT 528 English and Reading Methods in Secondary Schools Part II	3
EMAT 540 Teaching Language in Middle and High School Classrooms	3
Foreign Language	
EMAT 531 Foreign Languages and Reading Methods in Secondary Schools Part I	3
EMAT 533 Foreign Languages and Reading Methods in Secondary Schools Part II	3
History	
EMAT 530 Social Studies and Reading Methods in Secondary Schools Part I	3
EMAT 532 Social Studies and Reading Methods in Secondary Schools Part II	3

Math	
EMAT 518 Math and Reading Methods in Secondary Schools Part I	3
EMAT 520 Math and Reading Methods in Secondary Schools Part II	3
Music	
EMAT 517 Teaching Music and Reading in the Elementary School	3
EMAT 519 Teaching Music and Reading in the Secondary School	3
Science	
EMAT 527 Science and Reading Methods in Secondary Schools Part I	3
EMAT 529 Science and Reading Methods in Secondary Schools Part II	3

Internship

M.A.T. candidates will complete an internship in a Professional Development School under the supervision of a mentor teacher and a University supervisor. This internship will consist of a minimum of 100 days. In order to meet the 100 days requirement, interns are required to follow the calendar of the school district in which the PDS is located. Students will also be required to follow the University calendar with respect attendance at the internship seminar. If an M.A.T. intern is in a paid teaching position in his or her field during the internship semester, assigning a mentor teacher to that intern will be waived if the intern has demonstrated at least two years of successful teaching in that classroom prior to the academic year of the internship. "Successful teaching" will be determined through documented evaluation by a school administrator in a supervisory position that provides him or her sufficient knowledge of the intern's teaching performance, as well as issuance of a contract for a third year in the position. If the M.A.T. intern is not assigned a mentor as per this policy, the mentoring fee will be waived for the intern. All other internship policies will apply to the intern: he or she will attend the M.A.T. seminar course and will enroll in EMAT 507 and 509, with a University supervisor assigned.

► Admission to Internship

Prior to internship, M.A.T. candidates must do the following:

- Complete 27-30 semester hours of graduate credit.
- Have an overall GPA of 3.0 or higher, with no more than six credit hours below a grade of B in the program.
- Complete the prerequisite courses required for the program. Candidates may repeat professional courses only once.
- Exhibit appropriate professional program candidate dispositions.
- Complete and return a Background Affirmation to TETC 353, Field Experience Office.
- Complete an application for formal admission to the internship by the deadline set by the Education Specialties Department.

NOTE: Candidates will not be admitted to internship if they are on probation.

► Internship Requirements

- Complete the following professional education courses with grades of C or better (internship courses may be repeated only once).

	Credits
EMAT 507 Internship I	3
EMAT 509 Internship II	3
EMAT 511 Internship Seminar	3

- Complete a 100-day clinical experience in an assigned Professional Development School (PDS) field placement. Follow the school district and the University calendars to complete requirements.
- Requirements to education programs may change due to accreditation requirements. Information about program changes can be verified with the assigned academic advisor.

Graduation Requirements

- Complete 36-39 credits with an overall GPA of 3.0 or higher. At least a grade C must be earned in all professional program courses with no more than six credit hours of C or C+.
- Complete all prerequisite content: All candidates who lack appropriate content coursework are expected to take the identified courses before their degree is conferred.
- Complete successfully the M.A.T. program portfolio exam.
- Pass Praxis II exams or other exams as required by Maryland State Department of Education for certification in the content area.

Curriculum Guide I

This is an accelerated 16-month program which begins each January. Option 1 M.A.T. candidates take courses and are expected to complete the program as follows: beginning with a full winter session, students continue coursework during a full academic year (including the summer session) and one additional spring semester.

Credits

Winter Session

EMAT 501 Development and Learning Applied to Teaching3

Spring Semester

EMAT 502 Foundations of Education in a Diverse and Democratic Society3
 EMAT 5XX* Reading Methods in Secondary Schools Part I3
 EMAT 538 Technology in Education3
 EMAT 539 Instruction and Assessment for Student Learning3

Summer Session

EMAT 537 Educational Research3

Fall Semester

EMAT 506 The Inclusive Classroom3
 EMAT 512 Classroom Management: Theory and Practice3
 EMAT 5XX* Reading Methods in Secondary Schools Part II3
 EMAT 540 Teaching Language in Middle and High School Classrooms (English certification only) ..3

Spring Semester

EMAT 507 Internship I3
 EMAT 509 Internship II3
 EMAT 511 Internship Seminar3
 Portfolio Comprehensive Examination

* Which methods course is taken depends upon the specified content area.

Curriculum Guide II

This option is designed for applicants who cannot meet the time constraints posed by the Option I accelerated cohort program. Students follow the admission timetable for Option I and take courses with M.A.T. cohort students as appropriate. Students should meet with an advisor to plan the overall course of study.

MASTER OF EDUCATION CURRICULUM AND INSTRUCTION

Department of Education Specialties

Dr. Gwen Beegle, Program Director
410-543-6393

The Master of Education (M.Ed.) is a professional degree designed for candidates seeking advanced preparation in the education professions. The curriculum includes fundamental, theoretical and practical experiences within specific areas of study. The M.Ed. program promotes continuing professional development and life-long learning for teachers and educational leaders. This is consistent with the recognition that capable and caring educators are necessary for students at all ages, ranging from the very young through adulthood. General objectives are as follows:

1. Provide candidates an opportunity for personal and professional growth through graduate study.
2. Provide classroom teachers and educational specialists opportunities to develop and improve competencies in their specific disciplines.
3. Provide educators with opportunities for additional preparation needed for professional development and career advancement.

► Application to SU

Candidates who indicate on their initial Application for Graduate Program Admission that they wish to pursue the Master of Education (M.Ed.) will be assigned an advisor in the Department of Education Specialties or Teacher Education and receive M.Ed. application materials. Admission to the M.Ed. program requires completion of the online application; application fee; official transcripts from all colleges and universities attended; resume; if applying for in-state tuition, a Residency/Domicile Information Form; and additional application documents and requirements described here:

► Admission to the Program

- A. Submit a written description of the reasons for pursuing graduate study in education and a statement of career goals.
- B. Submit three recommendations in support of the application. Recommendations must be positive and support the ability of the individual to succeed in graduate study. Recommenders must be qualified persons in positions that allow them to judge the applicant's academic potential, deportment and dispositions.
- C. Complete and submit a plan of study approved and signed by the student's assigned advisor.
- D. Possess either an undergraduate cumulative grade point average of 3.0 or a previously completed master's degree from a regionally accredited institution of higher learning.
- E. Possess or be eligible for valid teaching licensure (not applicable to post-secondary applicants).
- F. Academic misconduct is a disqualifying condition. Academic misconduct is defined by the University and published by the provost in the Academic Misconduct Policy.

Applications are submitted electronically to the Office of Graduate Studies and Research and materials are provided to the program director for admission review. Once reviewed, the program director formally notifies applicants of admission or denial to the program. If a student is denied admission, he or she may not reapply for admission for one year. During that time, he or she may not take M.Ed. graduate courses. Following the review of these materials, the program director formally notifies applicants of admission or denial to the program. If a student is denied admission, he or she may not reapply for admission for one year. During that time, he or she may not take M.Ed. graduate courses.

Although candidates may register for courses as non-degree-seeking students, they are expected to complete the process for full admission into the M.Ed. program, including the development of a program of study, prior to the completion of the first nine credits of graduate coursework. A maximum of nine hours of credit earned at Salisbury University prior to admission to the M.Ed. program may be applicable toward requirements for the degree, provided such credits are appropriate for the degree program.

Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the Department of Education Specialties M.Ed. graduate program director.

► Provisional Admission

Candidates who have had a successful review of application materials and who have a 2.5 to 2.99 cumulative grade point average upon completion of the baccalaureate degree may be admitted to a M.Ed. program on a provisional basis under certain conditions. These conditions include: (a) the GPA in their major is 3.2 or better, (b) the undergraduate GPA in the last two years of study (including transfer courses) is 3.0 or better, or (c) the student has completed nine credits of graduate study in a nationally accredited program with grades no lower than a B. Provisionally admitted students may take no more than six credits in one semester. Provisionally admitted candidates must complete nine credit hours of graduate study at Salisbury University with no grade below B.

Upon successful completion of nine credit hours, candidates are considered for full admission to the M.Ed. program. Following review of the application materials, the program director formally notifies candidates of admission or denial of admission.

Candidates who do not meet the provisional admission requirement of achieving nine credit hours with grades of B or above are not eligible for admission to the M.Ed. program.

To assist candidates who are provisionally admitted, an advisor will be assigned. Candidates are expected to meet with their advisors to clarify program requirements and to assure that courses for which they register will be appropriate for the degree program.

► Program of Study

Prior to admission to the M.Ed. program and registration for courses, it is the candidate's responsibility to become familiar with program requirements and to confer with the assigned faculty advisor to develop a program of study. The program of study identifies core courses, courses in the specific track or specialization the candidate will follow, recommended electives and the intended capstone experience. Advisors must approve candidates' programs of study. Program changes must also be approved by advisors.

► Course Requirements

Candidates seeking the M.Ed. at Salisbury University complete an approved program of study including at least 33 semester hours of graduate credit (a minimum of 24 hours completed at SU) with a cumulative grade point average of 3.0 or higher, with no grade lower than C, and no more than six credit hours of C or C+ in their program.

► Academic Standards

The Graduate Student Handbook states: "To remain in good academic standing, graduate students must maintain a cumulative grade point average of at least 3.0 for all graduate courses." In the M.Ed. programs, students may not receive more than two grades of C or C+ in their graduate coursework. If students receive a third C and/or C+, they will be dismissed from the program. If they wish to retake a course to improve their grade, they may take that course in the next semester of study. No other courses may be taken concurrently in this instance. Students will be reinstated if they receive a B or better when the course is retaken.

If graduate students' GPAs fall below 3.0, they will be placed on academic probation. Following the University's policy, students will be placed on academic probation for a maximum of one calendar year and are allowed to take up to nine semester hours, which includes a repeated course, to return their GPA to 3.0. Students and applicants are referred to the Graduate Student Handbook for information on academic standards.

► National Board Certification Credit

Salisbury University recognizes the significant intellectual and practical accomplishments represented by successful completion of the National Board of Professional Teaching Standards (NBPTS) certification process. Consistent with this recognition, and with the recommendation by the American Council on Education, teachers who have completed the NBPTS process can petition for graduate credit to be applied as elective transfer credit in their Master of Education program. Teachers who have completed the NBPTS process and have achieved certification may petition for six hours of graduate credit. Those who have completed the process without certification may petition for three hours of graduate credit. Credit for completion of the NBPTS process with or without certification requires a valid transcript. While a student may petition for credit, the graduate program director, in consultation with the student's advisor, will make the final determination of appropriate credit with respect to a particular student's program.

M.Ed. Curriculum and Instruction Program

The M.Ed. program consists of 12 hours of core courses, 18 hours of study in a specific area and three to six hours in a capstone experience and is designed for currently licensed and practicing teachers.

Specific electives are approved for each student. Accordingly, candidates consult with their advisors to determine appropriate electives for their area of study. When appropriate to the area of study, electives may be chosen from education courses, special topics courses or from graduate courses offered in programs outside of education.

The M.Ed. program culminates with a capstone experience selected from advanced seminars, internships, thesis research or practicum courses. Candidates plan an appropriate capstone experience in consultation with their advisor. Candidates who elect the thesis research option enroll in

EDUC 630: Directed Research (thesis), and submit the completed project to the project director. Candidates must also satisfactorily complete an oral examination on the project to be scheduled through the faculty advisor after completion of the project. Candidates must complete at least 24 credits before selecting capstone course.

► Core Courses

The curriculum is planned to emphasize teaching and learning within a context of research, scholarship and practice. Core courses establish this foundation and help meet the following objectives:

1. Encourage a spirit of inquiry that will enable candidates to design and interpret research.
2. Assist candidates in developing a theoretical background to learning and instruction.
3. Provide candidates with the knowledge and skills necessary to assess, plan, develop, implement and evaluate curriculum.

Required core courses are as follows:

	Credits
EDUC 502 Introduction to Research	3
EDUC 504 Diversity in a Democracy	3
EDUC 545 Learning, Instruction and Assessment in the Schools	3
EDUC 570 Current Issues in Educational Technology	3

Students are required to complete EDUC 502: Introduction to Research within the first 12 credit hours of study in the M.Ed. program.

Post-Secondary Education Track

The Post-Secondary Education Track is designed for individuals pursuing advanced degrees for jobs in higher education or other agencies. Practicing teachers or individuals who hold or are eligible for teaching licences should apply as curriculum and instruction students (see above).

1. Complete the following two courses:

	Credits
EDUC 562 College Student Development Theories	3
EDUC 590 Legal Issues in Higher Education	3

2. Complete 9-12 credits from the following:

	Credits
CADR 500 Introduction to Conflict Analysis and Resolution	3
CADR 510 Problem Solving, Negotiation and Conflict Assessment	3
CADR 520 Structural and Systematic Conflict and Dispute Systems	3
EDUC 510 Seminar: Recent Issues in Education	3
EDUC 560 College Teaching	3
or	
EDUC 563 Teaching Adults	3
EDUC 561 Seminar: Issues and Trends in Postsecondary Education	3
EDUC 567 Collaborative Teaching and Mentoring	3
EDUC 571 Web-Based Teaching and Learning	3
EDUC 585 Technology Tools for Teaching and Learning	3
EDUC 590 Seminar in Education (any topic except Principles of Higher Education Law)	3
EDUC 619 The Law and Public Education	3
EDUC 665 Internship in Post-Secondary Education	3
EDUC 689 Multimedia in the Constructivist Classroom	3
EDUC 691 Independent Study	3
EDUC 695 Research Seminar	3
XXXX XXX A graduate course in education or another discipline central to the program of study	3

3. Choose one or two of the following capstone experiences:

EDUC 630	Directed Research (thesis)	Credits 3-6
or		
EDUC 695	Research Seminar	3
or		
EDUC 665	Internship in Post-Secondary Education	3

POST-BACCALAUREATE CERTIFICATE IN MIDDLE SCHOOL MATHEMATICS

PLEASE NOTE: The Post-Baccalaureate Certificate in Middle School Mathematics Program has been temporarily suspended. The status of the program is being examined. New students will not be admitted into the program during the period of suspension.

The Certificate in Middle School Mathematics (C.M.S.M.) is a certificate in middle-school mathematics. This certificate is designed for school personnel seeking advanced study in mathematics content appropriate for teaching mathematics at the middle-school level.

For admission to the certificate program, candidates must possess a bachelor's degree with a 2.75 minimum grade point average in undergraduate work, or possess a higher degree, and hold a teaching certificate in a specified subject area. For admission consideration, students must submit the following documentation: To the Admissions Office, an application, application fee and official transcripts from every college and university attended; To the Department of Mathematics and Computer Science, two letters of recommendation supporting the ability to succeed in graduate study, and a completed plan of study signed by a program advisor.

Note: This certificate is not a teaching certificate. The award of this certificate does not carry certification to teach.

Course Requirements

Candidates seeking the C.M.S.M. must complete at least four of the following courses:

MATH 501	Number Theory from a Historical Perspective	Credits 3
MATH 503	Data Analysis	3
MATH 510	Mathematical Reasoning	3
MATH 520	Middle School Mathematics in a Teaching Context with Instructional Technology	3
MATH 541	Conceptual Algebra for Teachers	3
MATH 555	The Cartesian Triad: Algebra, Geometry and Coordinates in the Plane	3
MATH 565	Mathematical Modeling for Middle School Teachers	3
MATH 566	Geometry: From Euclid to Modern Day	3

MASTER OF EDUCATION READING SPECIALIST

Department of Education Specialties

Dr. Joyce Wienczek, Program Director
410-543-6288

The Master of Education Reading Specialist Program is a professional degree and certification program designed to prepare reading educators in instructional and leadership capacities for K-12 school settings. Theory and practice are complementary throughout program course work. Students who complete the M.Ed. Reading Specialist Program are eligible for MSDE reading specialist certification.

The Reading Specialist Program is aligned with national standards for the preparation of reading professionals, as established by the International Literacy Association and NCATE. It also reflects principles of Maryland's Redesign for Teacher Education. The curriculum promotes understanding of the relationship of all productive and receptive language processes in literacy development, as well as the factors that may disrupt that development. Through research and study, candidates become familiar with the knowledge base of the reading field. This knowledge is extended through action research projects in real classroom settings.

An essential element of the Reading Specialist Program is preparation to assess the literacy needs of individuals of all ages and to design appropriate instructional programs. Clinical practica with individuals and small groups provide hands-on experience under the supervision of experienced reading professionals. Toward the end of their program, candidates also have opportunities to supervise the reading instruction of para-professionals and pre-service teachers.

Reading specialists are instructional leaders and advocates for literacy. Experiences with curriculum development and reading program organization are provided through course work. Candidates will have opportunities to prepare professional presentations and publications, and to take leadership roles in community literacy activities and political advocacy.

General objectives of the Master of Education Reading Specialist Program are for candidates to:

1. develop knowledge of a theoretical base for language acquisition, given a variety of conditions and situations;
2. develop knowledge of a theoretical base for the interaction of all language processes in literacy development;
3. develop knowledge of a theoretical base and practical application for reading instruction at all developmental levels;
4. develop understanding of the nature and causes of reading difficulties;
5. develop ability to base literacy instruction on assessment findings from a range of instruments and strategies;
6. develop knowledge and ability to organize and enhance a reading program; and
7. participate in professional development activities at local, state, and national levels.

Admission

Candidates for the M.Ed. Reading Specialist Program must submit the Application for Graduate Program Admission, the application fee, official transcripts from all colleges and uni-

versities attended, and the Residency/Domicile Information form (if applying for in-state tuition as a Maryland resident) and the following additional application documents requirements of the Reading Specialist Program.

1. submit an application for admission, including two recommendations from qualified individuals who support the candidate's ability for graduate study in reading;
2. possess an undergraduate GPA of 3.0 or higher;
3. possess a current elementary, secondary, or K-12 teaching certificate;
4. Meet with an advisor in the Education Specialties Department to discuss the program of study.

The Application for Graduate Program Admission, transcripts from all colleges and universities attended, and the Residency/Domicile Information form (if applying for in-state tuition as a Maryland resident) should be submitted to the Office of Admissions. Once the application and all transcripts arrive in the Admissions Office, the application file will be forwarded to the graduate education program. The documents and requirements specified by the Education Specialties Department should be sent to the graduate program coordinator. Following the review of these materials, the program coordinator formally notifies the candidate of admission or denial of admission to the program.

Course Requirements

Candidates seeking the M.Ed. Reading Specialist Degree complete an approved program of study including at least 33 semester hours of graduate credit with a cumulative grade point average of 3.0 or higher (a minimum of 24 hours completed at SU), with no grade lower than C, and no more than six credit hours of C or C+ in the program.

The M.Ed. Reading Specialist is a Maryland State Department of Education-approved program. Candidates who complete the M.Ed. Reading Specialist Program and who meet the requirement of 27 months of satisfactory teaching performance will be eligible for the Reading Specialist certificate. However, it is the responsibility of the candidate to understand and fulfill all state requirements and to make application to the state for certification. Candidates in states other than Maryland should consult with their state Department of Education to determine specific certification requirements.

Also, candidates are expected to complete a professional portfolio throughout the program, demonstrating their achievement of all required competencies. The portfolio should contain artifacts demonstrating the knowledge, skills, and attitudes of reading professionals, as well as reflective analysis of those artifacts and the learning experiences that led to their development. Portfolio requirements are presented in REED 500, and the portfolio is presented by the candidate in REED 620. Portfolio development occurs throughout all courses in the M.Ed. Reading Specialist Program. These courses are as follows:

REED 500	Research in Reading Education	Credits 3
REED 515	Written and Oral Language Development	3
REED 516	Foundations of Reading: Elementary	3
REED 517	Foundations of Reading: Secondary	3
REED 518	Diversity and Literacy	3
REED 520	Literature for Children and Adolescents	3
REED 610	Assessment of Literacy Development	3
REED 611	Clinical Practicum I	3
REED 612	Clinical Practicum II	3
REED 614	Leadership for Reading Programs	3
REED 620	Research Seminar in Reading	3

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP

Department of Education Specialties

Dr. Douglas M. DeWitt, Program Director
410-543-6286

The Master of Education (M.Ed.) in Educational Leadership Program is a professional degree program designed to prepare educational leaders. The curriculum emphasizes both theory and practice in the preparation of administrators and supervisors.

Salisbury University's program is based upon a carefully planned knowledge base and a well-defined philosophy. Graduates of this program should possess the vision, knowledge and skills necessary to promote excellence and high achievement in the schools. Graduates should be informed practitioners, possessing a full understanding of the theories that guide practice in school administration. Most importantly, they should demonstrate competence and skill as they apply knowledge to practice in educational organizations. Our graduates should respect the individual worth of all persons and appreciate the role of education in society.

Candidates in the M.Ed. in Educational Leadership Program have the opportunity to read, study and discuss a wide range of theories and ideas related to school administration. They have many opportunities to explore ideas through research and study, as well as actual and simulated experiences in practicing the skills of school administration. They should be actively involved in acquiring an understanding of the theories and practice of educational administration through a variety of teaching and learning experiences.

The role of the University in preparing educational leaders extends beyond the boundaries of the campus. The University reaches out to the community to establish positive working relationships with other educational organizations. Cooperation between the University and the schools is essential as candidates are prepared as school administrators. Finally, an ongoing association between the University and its graduates is essential as we work to meet the present and future needs of education in our community.

Objectives of the program are as follows:

1. Provide educators opportunities for professional development and to extend their knowledge and skills into the realms of leadership in curriculum, instruction and decision-making as well as the management of resources.
2. Provide training for potential school administrators and supervisors that will emphasize the development of skillful professional performance.
3. Provide academic preparation for candidates who seek certification in school administration or supervision and/or career advancement.
4. Provide educational leaders with skills in the use of technology to make and implement informed decisions.
5. Provide an opportunity for candidates to learn within the environment of an educational cohort that will encourage collegiality and professional cooperation.

► Admission

Admission to the Master of Education in Educational Leadership Program at SU requires an application for graduate program admission; the application fee; official transcript from all colleges and universities attended; if applying for in-state tuition, a Residency/Domicile Information Form; and the following additional application documents and requirements specified by the Education Specialties Department:

- Submit two letters of recommendation from qualified individuals who support the candidate's ability for graduate study in educational administration and supervision.
- Provide evidence of at least two years (18 months) of satisfactory teaching performance.
- Possess an undergraduate grade point average of 3.0.
- Meet with a faculty member in the M.Ed. in Educational Leadership Program to discuss professional goals and career objectives.

► Provisional Admission

Candidates who do not meet the minimum requirements may be admitted on a provisional basis as space is available.

► Program of Study

Following admission to the M.Ed. in Educational Leadership Program, and prior to registration for classes, students are expected to become familiar with program requirements and to confer with the assigned faculty advisor to develop a plan of study.

► Course Requirements

Candidates in the M.Ed. in Educational Leadership Program complete an approved program of study including at least 33 semester hours of graduate credit (a minimum of 24 hours completed at SU) with a cumulative average of 3.0 or higher, with no grade lower than C, and no more than six credit hours of C or C+ in the program.

The M.Ed. in Educational Leadership Program is an NCATE and Maryland State Department of Education-approved program leading to the Administrator I certificate. Candidates who complete the M.Ed. in educational leadership and who meet the requirement of 27 months of satisfactory teaching performance will be eligible for the Administrator I certificate. However, it is the responsibility of the candidate to understand and fulfill all state requirements and to make application to the state for certification. Candidates in states other than Maryland should consult with their state Department of Education to determine specific certification requirements.

Candidates in the M.Ed. in educational leadership cohort take courses in the following sequence:

	Credits
EDLD 510 Educational Leadership and Technology	3
EDLD 512 Educational Research and Educational Leadership	3
EDLD 514 Aligning Curriculum, Instruction and Assessment	3
EDLD 516 P-12 School Administration	3
EDLD 517 Supervision to Improve Instruction	3
EDLD 550 Leadership and Change	3
EDLD 552 Diversity and Group Dynamics in Educational Leadership	3
EDLD 555 Public School Fiscal and Human Resource Management	3
EDUC 619 The Law and Public Education	3
EDLD 656 Educational Leadership Internship/Issues Analysis	3
(Take EDLD 656 twice for a total of six credits.)	

► Entrance into Educational Leadership Internship

Prior to enrolling in EDLD 656: Educational Leadership Internship/Issues Analysis each candidate must complete all prerequisite courses with an overall grade point average of 3.0 or better and successfully earn a passing grade on each of the four questions on the Comprehensive Qualifying Exam. In the event that a candidate does not pass each individual question upon his or her first attempt at taking the Comprehensive Qualifying Exam, the candidate may re-take unsuccessful question areas a second time.

► School Leaders Licensure Assessment

Each candidate must take the School Leaders Licensure Assessment and report his or her score to Salisbury University prior to program completion. It is recommended that candidates take the exam prior to the completion of EDLD 656.

All work toward the Master of Education in educational leadership must be completed within seven calendar years from the end of the semester or summer term in which such work began. Students must maintain a GPA of 3.0. Reporting of the School Leaders Licensure Assessment is required prior to the completion of the Master of Education Program.

Satisfactory completion of this program and 27 months of satisfactory teaching experience are required for eligibility for Maryland Administrator I certification. Certification regulations may be changed by the State of Maryland.

MASTER OF SCIENCE IN ATHLETIC TRAINING

Department of Health and Sport Sciences

Dr. Jenny Toonstra, Program Director
410-677-5493

Salisbury University's Health and Sport Sciences Department offers a professional program leading to a Master of Science in Athletic Training (M.S.A.T.), which prepares students for a career as an athletic trainer. Athletic training is a health care profession that involves the prevention, diagnosis and management of active individuals who sustain traumatic or lingering injuries, or develop acute illness or other medical conditions that impair a person's normal function. To practice as an athletic trainer, a candidate must complete an entry-level athletic training program from a nationally accredited academic institution that sponsors an athletic training program accredited by the Commission on Accreditation of Athletic Training Education (CAATE). SU's entry-level athletic training program received initial accreditation in 1998 and reaccreditation in 2004 and 2011 at the baccalaureate level. The next accreditation review is in 2021. During this time, SU is transitioning the athletic training major from a bachelor-level to a master-level degree in accordance with the parameters set forth by CAATE. Students must also pass the national certification examination and, in most states, apply for a license to practice as an athletic trainer.

Admission to the Program

The admissions standards for Salisbury University's athletic training program are competitive and include the following:

- Bachelor's degree from an accredited institution of higher education with a minimum grade point average of 3.0

B. Complete the following prerequisite courses:

- Introduction to Psychology
- Statistics
- Basic Athletic Training course
- Health and Wellness
- Anatomy and Physiology (8 credits)
- Chemistry (4 credits)
- Physics (4 credits)
- Kinesiology with Lab
- Exercise Physiology with Lab

C. Submit two letters of recommendation (one must be from an athletic trainer who provided clinical supervision within the past two years)

D. Submit verification of current BLS certification, healthcare provider or professional rescuer

E. Submit verification of First Aid certification

F. Complete an essay that addresses a current health-related topic; rating on this essay is based on critical thinking and writing ability

G. Complete a formal interview

Program Requirements

The athletic training program follows a cohort model that requires all students to be enrolled full time for two academic years. Matriculation of a cohort begins Summer II session with an introductory course. The remaining courses are completed in the fall and spring semesters.

The curriculum features 36 credit hours of coursework specifically devoted to the athletic training domains. Students must maintain a minimum GPA of 3.0, with grades no lower than C and no more than six credit hours of C or C+ in the program. Once formally admitted to SU's athletic training program, students are required to complete two years of clinical experiences and demonstrate mastery of clinical proficiencies through four successive clinical proficiency courses: ATTR 505, 555, 605 and 655. Students are required to complete a minimum of 180 (300 maximum) clinical experience hours under direct preceptor supervision as part of each proficiency course. Clinical sites are assigned on an individual basis and are based on the student's long-term professional goals.

	Credits
ATTR 501 Injury/Illness Prevention	3
ATTR 505 Risk Management Strategies	3
ATTR 510 Acute Care of Injury/Illness	3
ATTR 520 Orthopedic Assessment and Diagnosis	3
ATTR 555 Pathology and Assessment	3
ATTR 560 Therapeutic Modalities	3
ATTR 570 Therapeutic Exercise	3
ATTR 605 Therapeutic Interventions	3
ATTR 610 Research Methods for Clinical Practice	3
ATTR 620 Health Care Administration	3
ATTR 655 Administration and Professional Development	3
ATTR 660 Applied Research	3

MASTER OF SCIENCE IN MATHEMATICS EDUCATION

Department of Mathematics and Computer Science and
Department of Education Specialties

Dr. Jennifer Bergner, Program Director
410-677-5429

Dr. Randall E. Groth, Department of Education Specialties
Liaison
410-677-5061

The Master of Science in Mathematics Education (M.S.M.E.) is a professional degree offered cooperatively by the Department of Education Specialties and the Department of Mathematics and Computer Science. The program is designed for candidates seeking advanced preparation in the teaching of mathematics in the middle and secondary schools. The curriculum includes fundamental, theoretical and practical experiences within mathematics and education. The M.S.M.E. program promotes continuing professional development and lifelong learning for teachers and mathematics education leaders. This is consistent with the recognition that capable and confident mathematics educators are necessary for all levels of mathematics instruction.

General objectives are as follows:

1. Provide candidates with an opportunity for personal and professional growth through graduate study in mathematics and in education.
2. Provide mathematics classroom teachers and mathematics educational specialists with an opportunity to develop and improve competencies in mathematics and mathematics education.
3. Provide mathematics educators with an opportunity for additional preparation needed for professional development and career advancement.

► Admission

Candidates who indicate on their application for graduate program admission form that they wish to pursue the Master of Science in Mathematics Education (M.S.M.E.) will be assigned an advisor in the Mathematics and Computer Science Department and an advisor in the Department of Education Specialties and will receive M.S.M.E. application materials. Admission to the M.S.M.E. at SU requires an application for graduate program admission, the application fee, official transcripts from all colleges and universities attended; and the Residency/Domicile Information form (if applying for in-state tuition as a Maryland resident) be submitted to the Office of Admissions. The following additional application documents and requirements specified by the two collaborating departments must be sent to the Department of Mathematics and Computer Science:

1. Submit a written description of the reasons for pursuing graduate study in mathematics education and a statement of career goals within the discipline.
2. Submit two letters of recommendation supporting the ability to succeed in graduate study.
3. Complete and submit a plan of study signed and approved by the advisor.

4. Possess an undergraduate cumulative GPA of 2.75 or a previously completed master's degree from a regionally accredited institution of higher learning.

Following the review of these materials, the program director formally notifies candidates of admission or denial into the program.

Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the two collaborating departments' graduate program directors.

► Provisional Admission

Candidates who have submitted all application materials but have not obtained a 2.75 cumulative grade point average upon the completion of baccalaureate degree may be admitted on a provisional basis. Provisionally admitted candidates must complete nine credit hours of graduate study at SU with no grade below B.

Upon successful completion of nine credit hours candidates may apply for full admission to the M.S.M.E. program. Following the review of application materials, the program director formally notifies candidates of admission or denial into the program.

Candidates who do not meet the provisional admission of achieving nine credit hours with grades of B or above are not eligible to apply for admission into the M.S.M.E. program.

To assist candidates who are provisionally admitted, an advisor will be assigned. Candidates are expected to meet with their advisors to clarify program requirements and to assure that courses for which they register will be appropriate for their programs of study.

► Program of Study

Prior to admission to the M.S.M.E. program and registration for courses, it is the candidates responsibility to become familiar with the program requirements and to confer with assigned faculty advisors to develop programs of study. The program of study identifies core courses, courses in the specific tracks the candidate will follow, recommended electives and the intended capstone experience. Advisors must approve candidates' programs of study. Program changes must also be approved by advisors.

► Course Requirements

Candidates seeking the M.S.M.E. at Salisbury University must complete an approved program of study including at least 33 semester hours of graduate credit (a minimum of 24 hours completed at SU) with a cumulative GPA of 3.0 or higher, with no grade lower than a C, and no more than six credit hours of C or C+.

The M.S.M.E. program consists of 12 semester hours of education courses, 12 hours of mathematics courses in either the Middle School Track or High School Track, six hours of electives and three hours in a capstone experience.

► Education Courses (12 semester hours)

The curriculum is planned to emphasize mathematical teaching and learning within a context of research, scholarship and practice. Required courses are:

	Credits
EDUC 502 Introduction to Research	3
EDUC 504 Diversity in a Democracy	3
EDUC 545 Learning, Instruction and Assessment in the Schools	3
EDUC 506 Seminar in Teaching Mathematics	3

► Tracks

In addition to completing the courses in education, M.S.M.E. students select either the Middle School Track or the High School Track. The candidate must complete the required mathematics courses for the tracks chosen. The required courses in both tracks are linked to the core learning goals in algebra, geometry and data analysis.

Middle School Track

(12 semester hours required)

Complete the following:

	Credits
MATH 545 Conceptual Algebra for Teachers	3
or	
MATH 555 The Cartesian Triad	3
(departmental approval required)	
and	
MATH 566 Geometry: From Euclid to Modern Day	3
MATH 503 Data Analysis	3
and	
MATH 501 Number Theory from a Multicultural and Historical Perspective	3
or	
MATH 565 Mathematical Modeling for Middle School Teachers	3

High School Track

(12 semester hours required)

Complete all of the following:

	Credits
MATH 507 Seminar: Algebra	3
MATH 508 Seminar: Geometry	3
MATH 500 Foundations of Number Theory	3
MATH 502 Applied Statistics	3

► Electives (6 semester hours)

The two elective courses may be taken from the graduate offerings in education, mathematics or science. See graduate advisors for recommended electives for each track. Recommended electives are listed on the checklist for the program.

► Capstone Courses (3 semester hours)

All candidates for the M.S.M.E. will complete a capstone experience.

	Credits
EDUC 695 Research Seminar	3

MASTER OF SOCIAL WORK

Department of Social Work

Dr. Batya Hyman, Department Chair

410-677-5346

The Master of Social Work (M.S.W.) prepares social work practitioners for advanced direct practice with individuals, families and groups. Graduates will be prepared to practice in a variety of settings.

The M.S.W. program is designed to help students achieve their maximum potential through a carefully structured curriculum of foundation and advanced courses. Students without an accredited undergraduate degree in social work are admitted to the regular 62 semester hour program that may be completed in four semesters.

Advanced standing is available to applicants who have graduated from an undergraduate accredited social work program within the past three years, or within the last five years with two years of human service experience. Applicants having received a B.A.S.W. more than five years previously will not be considered for advanced standing. Applicants for advanced standing must have earned a minimum 3.0 grade point average on the last 120 credits that appear on their bachelor's degree transcript, as well as a 3.2 on the last 60 graded upper-division courses (including all social work courses).

► Prerequisites for Admission

Students seeking admission to the M.S.W. program must demonstrate that they:

1. Hold a baccalaureate degree from a regionally accredited college or university.
2. Have completed a broad liberal arts background with a minimum of 24 credit hours including at least one course in sociology, psychology, English, political science or history, and statistics. A course in introductory statistics is required. These undergraduate requirements may be taken at any accredited college or university, including community colleges. All prerequisites for admission must be completed by the end of the first semester in the program. All offers of admission are conditional upon the successful completion of the undergraduate coursework.
3. Have earned a minimum of a 3.0 grade point average on the last 120 graded credits that appear on their bachelor's degree transcript, as well as a 3.0 grade point average on the last 60 graded upper-division courses.
4. Meet the requirements for advanced standing if the applicant seeks admission to the program. Applicants for advanced standing must have graduated from an undergraduate social work program accredited by the Council on Social Work Education within the last three years. Applicants with two years of human service work who graduated within the last five years will be considered. Applicants for advanced standing must have earned a minimum 3.0 grade point average on the last 120 credits that appear on their bachelor's degree transcript, as well as a 3.2 on the last 60 graded upper-division courses (including all social work courses).
5. Have submitted transcripts of any completed graduate courses.

The three professional letters of recommendation are usually from persons such as professors, employers, supervisors, professional colleagues and community associates. Only one reference may be from a Salisbury University Social Work Department faculty member. Applicants who have been employed in a social service agency should request a recommendation from a recent employer or supervisor. Student applicants should provide a recommendation from a faculty advisor or instructor.

► Provisional Admission

Provisional admission may be granted to applicants to the M.S.W. program who have a GPA of 2.5 to 2.99 (2.8 to 2.99 for advanced standing applicants) on the last 120 graded credits that appear on their bachelor's degree transcript and have an otherwise strong application. Provisionally admitted applicants must complete one semester of graduate courses (at least two courses) with a GPA of 3.0.

► Transfer Applicants

Under certain circumstances, students may receive a maximum of 29 semester hours for work completed not more than five years prior to first registration from a CSWE-accredited graduate school of social work and for which a grade of at least a B was received. No course, including any transfer course, may be counted toward a degree if it was completed more than seven full calendar years prior to the date of graduation.

Students must complete a minimum of 32 credits in the Salisbury University Department of Social Work, to be eligible for the M.S.W.

Students currently or previously enrolled in another accredited master's level social work degree program who are seeking admission as a transfer student are required to submit the following additional materials:

1. A brief written statement describing the reasons why they are requesting a transfer.
2. A copy of practicum/field work evaluation(s), if applicable.
3. One of the three recommendations must be from a faculty member or field supervisor affiliated with the program.

Students from non-M.S.W. programs may receive a maximum of six transfer credits for courses for which he/she has earned a grade of B or above. Each course will be individually assessed for program equivalency. Official determination of allowable credit for work completed elsewhere will be made at the time of admission.

Any student registered in the program who wants to take a course at another university and transfer credit toward the Salisbury University Department of Social Work M.S.W. (i.e., a summer course) must receive approval from the chair of the Social Work Department.

► Advanced Standing

Applicants for advanced standing must submit the following material in addition to the usual application requirements:

1. Transcripts documenting eligibility for advanced standing.
2. Recommendation for advanced standing from the Social Work Department chair of the school in which they completed their Bachelor of Social Work.
3. A detailed evaluation of their field instruction experience and performance by the agency supervisor or an evaluation of their employment performance. They may submit evaluations of field performance conducted at the end of each undergraduate semester.

► Progression Requirements

Students in the M.S.W. program may graduate with no more than six credits (typically two courses) in which they earn lower than a B (three credits for advanced standing students). Students in the 62 credit M.S.W. program are allowed to repeat two courses one time during their program to improve their grade. Students who have begun the concentration curriculum may not repeat a foundation course. Advanced standing students may repeat one course one time. Students who have exceeded their allowable C credits and who have utilized their allowable course repeat option will be dismissed from the program regardless of their GPA. Students who receive any grade below a C and have utilized their allowable course repeat option will be dismissed from the program regardless of their GPA.

In addition, students in the M.S.W. program must maintain a cumulative grade point average of 3.0. If the GPA falls below 3.0, the student is placed on academic probation according to University policy.

Additional policies are found in the *M.S.W. Graduate Student Handbook*.

► Life Experience Statement

No credit will be given for work or life experience.

► Pending Legal Action and Conviction Statement

Persons who indicate on the application that they have pending legal action or convictions will be asked to supply documentation on the nature of the offense and the disposition. Individuals admitted to the program who are facing pending legal action or convictions may have restrictions placed on the area of study and field placements they may pursue. In addition, some field placement agencies require a criminal background check.

Applicants are also advised that the Professional Standards Committee of the Maryland Board of Social Work Examiners may refuse to issue a license or certificate of registration to any person who has been convicted of any crime in this or any other state. Applicants may be denied admission, or if enrolled, terminated, from the program if they have not been truthful or provided inaccurate information in the application.

Course of Study

The expected course of study for the regular full-time program requires two years of coursework and field instruction. Students in the regular part-time program are expected to complete their course work and field instruction in four years. The expected course of study for full-time advanced standing students is one year of course-work and field instruction or two years for part-time advanced standing students.

A grade point average of 3.0 is required for graduation. To remain in good academic standing, graduate students must maintain a cumulative grade point average of at least 3.0 for all graduate courses. Students in the regular program must complete two different field placements.

► Non-Degree Student Enrollment

Eligible students who wish to enroll as non-degree graduate students (not formally admitted to a graduate degree program) are not required to complete a formal application for admission and may schedule up to three approved Foundation Level courses. These students may have official transcripts sent to the Admissions Office from the baccalaureate granting institution and all institutions attended for graduate study and register for classes with the Registrar's Office.

► Regular Full-Time Curriculum

Foundation Year

Fall Semester - First Year

SOWK 607	Social Welfare Policy Practice: Analyst and Advocate	3
SOWK 610	Theoretical Analysis of Behavior I	3
SOWK 616	Social Research I	3
SOWK 620	Social Work Practice I	3
SOWK 640	Field Instruction I	3
		15

Spring Semester - First Year

SOWK 617	Social Research II	3
SOWK 622	Social Work Practice II	3
SOWK 623	Social Work Practice III	3
SOWK 630	Theoretical Analysis of Behavior II	3
SOWK 645	Field Instruction II	3
		15

Concentration Year

Fall Semester - Second Year

SOWK 602	Ethical Foundation of Social Work	3
SOWK 650	Advanced Practice with Individuals	3
SOWK 654	Psychopathology	3
SOWK 660	Advanced Practice with Families	3
SOWK	Elective*	3
SOWK 665	Field Instruction III	4
		16 or 19

Spring Semester - Second Year

SOWK 655	Evaluation of Social Work Practice	3
SOWK 663	Supervision and Administration	3
SOWK 680	Advanced Practice with Groups	3
SOWK	Elective*	3
SOWK 685	Field Instruction IV	4
		13 or 16

Total: 62 Credits

*Can be taken either fall or spring

► Regular Part-Time Curriculum

Foundation Curriculum

Fall Semester - First Year

SOWK 607	Social Welfare Policy Practice: Analyst and Advocate	3
SOWK 610	Theoretical Analysis of Behavior I	3
		6

Spring Semester - First Year

SOWK 620	Social Work Practice I	3
SOWK 630	Theoretical Analysis of Behavior II	3
		6

Fall Semester - Second Year

SOWK 616	Social Research I	3
SOWK 640	Field Instruction I	3
		6

Spring Semester - Second Year

SOWK 617	Social Research II	3
SOWK 622	Social Work Practice II	3
SOWK 623	Social Work Practice III	3
SOWK 645	Field Instruction II	3
		12

Fall Semester - Third Year

SOWK 602	Ethical Foundation of Social Work	3
SOWK 650	Advanced Practice with Individuals	3
SOWK 654	Psychopathology	3
		9

Spring Semester - Third Year

SOWK 663	Supervision and Administration	3
SOWK 680	Advanced Practice with Groups	3
		6

Fall Semester - Fourth Year

SOWK	Elective*	3
SOWK 660	Advanced Practice with Families	3
SOWK 665	Field Instruction III	4
		7 or 10

Spring Semester Fourth Year

SOWK	Elective*	3
SOWK 655	Evaluation of Social Work Practice	3
SOWK 685	Field Instruction IV	4
		7 or 10

Total: 62 Credits

*Can be taken either fall or spring

► Advanced Standing Curriculum

Full Time

Fall Semester - First Year

SOWK 602	Ethical Foundation of Social Work	3
SOWK 650	Advanced Practice with Individuals	3
SOWK 654	Psychopathology	3
SOWK 660	Advanced Practice with Families	3
SOWK 665	Field Instruction III	4
SOWK	Elective*	3
		16 or 19

Spring Semester - First Year

SOWK	Elective*	3
SOWK 655	Evaluation of Social Work Practice	3
SOWK 663	Supervision and Administration	3
SOWK 680	Advanced Practice with Groups	3
SOWK 685	Field Instruction IV	4
		13 or 16

Total: 32 Credits

*Can be taken either fall or spring

Part Time

Fall Semester - First Year

SOWK 602	Ethical Foundation of Social Work	3
SOWK 650	Advanced Practice with Individuals	3
SOWK 654	Psychopathology	3
		9

Spring Semester - First Year

SOWK	Elective	3
SOWK 680	Advanced Practice with Groups	3
		6

Fall Semester - Second Year

SOWK 660	Advanced Practice with Families	3
SOWK 665	Field Instruction III	4
		7

Spring Semester - Second Year

SOWK 655	Evaluation of Social Work Practice	3
SOWK 663	Supervision and Administration	3
SOWK 685	Field Instruction IV	4
		10

Total: 32 Credits

► Satellite Program Regular Curriculum

Year One

Semester 1 - Fall Semester

SOWK 607	Social Welfare Policy Practice: Analyst and Advocate	3
SOWK 610	Theoretical Analysis of Behavior I	3
SOWK 620	Social Work Practice I	3

Semester 2 - Spring Semester

SOWK 622	Social Work Practice II	3
SOWK 623	Social Work Practice III	3
SOWK 630	Theoretical Analysis of Behavior II	3

Year Two

Semester 3 - Fall Semester

SOWK 616	Social Research I	3
SOWK 640	Field Instruction I	3
SOWK	Elective*	3

Semester 4 - Spring Semester

SOWK 602	Ethical Foundation of Social Work	3
SOWK 617	Social Research II	3
SOWK 645	Field Instruction II	3
SOWK 654	Psychopathology	3

Semester 5 - Summer Term

SOWK 663	Supervision and Administration	3
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Year Three

Semester 6 - Fall Semester

SOWK 650	Advanced Practice with Individuals	3
SOWK 660	Advanced Practice with Families	3
SOWK 665	Field Instruction III	4

Semester 7 - Spring Semester

SOWK 655	Evaluation of Social Work Practice	3
SOWK 680	Advanced Practice with Groups	3
SOWK 685	Field Instruction IV	4

Electives* (choose one)

SOWK 653	Substance Abuse Assessment and Intervention	3
SOWK 677	Child Welfare	3

Total: 62 Credits

► Satellite Program Advanced Standing Curriculum

Year One

Semester 1 - Fall Semester

SOWK 650	Advanced Practice with Individuals	3
SOWK 654	Psychopathology	3
SOWK 665	Field Instruction III	4

Semester 2 - Spring Semester

SOWK 655	Evaluation of Social Work Practice	3
SOWK 680	Advanced Practice with Groups	3
SOWK 685	Field Instruction IV	4

Semester 3 - Summer Term

SOWK 663	Supervision and Administration	3
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Semester 4 - Fall Semester

SOWK 602	Ethical Foundation of Social Work	3
SOWK 660	Advanced Practice with Families	3
SOWK	Elective*	3

Electives* (choose one)

SOWK 653	Substance Abuse Assessment and Intervention	3
SOWK 677	Child Welfare	3

Total: 32 Credits

DOCTORATE OF EDUCATION IN CONTEMPORARY CURRICULUM THEORY AND INSTRUCTION: LITERACY

Department of Education Specialties

Dr. Judith Franzak, Program Director
410-677-0238

The Doctorate of Education (Ed.D.) in Contemporary Curriculum Theory and Instruction: Literacy Program provides a strong core in curriculum and instruction theory, research and practice, with a focus on literacy. The cohort format encourages personal, professional, social, cultural and technological expertise through an intensive community of learning. Through achieving the doctoral degree, the candidates enhance their professional credentials in their current and future positions as educators in P-12 schools, community colleges and universities. The program is a terminal doctoral program that does not lead to further certification or licensure.

This applied Ed.D. program facilitates inquiry-based learning through research, case studies, projects that integrate authentic experiences and opportunities to share knowledge with peers in public venues. The target audience includes master teachers, administrators and educational personnel at all levels.

The delivery design integrates the theme of leaders as change agents through specific areas of focus: inquiry as practice, signature pedagogy, labs of practice and literacy. The delivery of the program includes three years of coursework and a year devoted to research and writing of the dissertation. Sixty credits (course work and dissertation) are required, with more if a student chooses to select optional electives. A part-time track has been developed for those candidates who are unable to engage in full-time study.

Admission to Program

Admission to the program at SU requires the following additional application documents and requirements specified by the Education Specialties Department. Preference is given to applicants who have three years professional experience teaching. In order to gain admission to the doctoral program, the following requirements must be completed:

- A. Submit to Salisbury University official academic transcripts from all colleges and universities attended indicating a master's degree from a national-accredited university in a focus area in education or closely related field.
- B. Possess a graduate-level grade point average of at least a 3.5.
- C. Complete Salisbury University application for doctoral program admission.
- D. Complete a Residency/Domicile Information Form (if applying for in-state tuition).
- E. Submit GRE scores.
- F. Submit three professional recommendations from individuals who can speak to the applicant's likely success in doctoral study.
- G. Submit a professional writing sample prior to program admission.
- H. Submit a personal statement.

Program of Study

The following courses are required for the program:

	Credits
EDCI 700 Foundations of Research in Education	3
EDCI 702 Strategies for Inquiry I	3
EDCI 704 Strategies for Inquiry II	3
EDCI 720 Diversity in Education	3
EDCI 724 Social Context of Curriculum	3
EDCI 722 Perspectives in Theory: Lenses for Critical Understandings of Education	3
EDCI 728 Understanding Instruction and Assessment to Improve Learning	3
EDCI 748 Language, Literacy and Representation as Tools for Inquiry Across the Content Areas	3
EDCI 750 Literacy Policy and Practice Analysis	3
EDCI 740 Oral Discourse, Cognition and Diversity	3
EDCI 742 Writing: Theory, Research and Practice	3
EDCI 744 Comprehension and Strategic Learning: Theory, Research and Practice	3
EDCI 746 Diversity, Literature and New Media Across the Curriculum	3
EDCI 800 Research Seminar I	3
EDCI 801 Research Seminar II	3
EDCI 805 Dissertation I	3
EDCI 810 Dissertation II	6
EDCI 815* Dissertation III	1-3
EDCI 820 Dissertation IV	3

*EDCI 815 will only be taken if more time is required to complete the dissertation.

Electives: 3+ credits (choose one)

Candidates may elect to take optional credits beyond the required 60 credits.

EDCI 730 Learning, Instruction and Technology.....3

or

Other graduate course may be taken with advisor approval. Course must involve differentiated assignments for doctoral students.

Graduation Requirements

1. Complete 60 credits with an overall GPA of 3.0 or higher. A course grade below C will lead to program dismissal.
2. Receive a passing score in the Preliminary Exam. Those receiving an unsatisfactory score may continue on probation and must pass the preliminary examination by the end of the following semester.
3. Receive a passing score in the Advancement to Candidacy/Qualifying Examination.
4. Create a Dissertation Proposal.
5. Present the final study in a Dissertation Defense.
6. Submit final dissertation to ProQuest Dissertation Publishing.

Honors College

Dr. James Joseph Buss, Dean
Honors Center First Floor
410-546-6902

Joan Kjeldsen, Program Management Specialist
Honors Center First Floor • 410-677-6556

Dr. Leanne Wood, Faculty Director
Thomas E. Bellavance Honors Program
Honors Center Second Floor • 410-377-3721



COLLEGE INFORMATION

The Honors College offers enriched academic opportunities for motivated students through curricular offerings, extracurricular activities and applied learning experiences. The College fosters close individual contact between students and faculty and brings together engaged undergraduate students with varied interests to explore and enrich their overall academic university experience. In addition, the Honors College seeks to provide an intellectual environment where students pursue inquiry, explore curiosity, exhibit creativity and engage in undergraduate research all while engaging larger communities on the Eastern Shore and beyond. Honors courses and activities are intended to enhance other educational opportunities available to Salisbury University students and meet national expectations for Honors education.

Salisbury University's Honors Program began in 1980 with 20 freshman students who met in the back of the University gymnasium and took a series of history, English and philosophy courses. In 1996, the Honors Program was renamed for University president Thomas E. Bellavance, shortly after moving to its current home in a renovated house on the corner of Camden Avenue and Loblolly Lane. The curriculum at that time centered on a team-taught great books series of courses; it has since changed to include dynamic issues-based courses that fulfill General Education requirements.

The Honors director was, at first, the sole faculty member attached to the Honors Program. Founding director Dr. Tony Whall taught in English and Honors with a two-course download to administer the program. In 1994, the program gained an assistant director whose duties focused on student activities and mentoring; this faculty member received a course download for these services. In 2006, the program gained a 10-hour share of an administrative assistant.

Beginning in the 2000s, the Honors Program began hosting a Living Learning Community with 20 students. By 2010, the program offered two communities that included 36 students who lived on two floors of Manokin Hall (the building was shared with other Living Learning Communities).

Beginning in August 2016, the Honors Program transitioned to the current Honors College. The College admits between 110 and 130 new freshman each year and serves more than 400 students. It houses four freshman Living Learning Communities and a Sophomore Living Learning Community.

Freshman Admission

The Honors College seeks applications from high school students with good grades, a love of learning and an interest in small, discussion-based classes. Strong academic performance, leadership and extracurricular interests are all considered in Honors admission. To apply to the Honors College, students must submit an application via the Honors website.

www.salisbury.edu/honors

Transfer and Current Student Admission

Transfer students coming to SU may apply for admission to the Honors College when they have a total of 48 credits with a minimum grade point average of 3.5.

Scholarships

The Thomas E. Bellavance Honors Program provides annual scholarships for incoming freshmen that range from \$500 to \$1,000 (renewable up to four years). Students are selected based on academic accomplishments and a written essay that is part of their application to the Honors College. Beginning in 2013, the recipients of these scholarships were designated the name "Bellavance Scholars" in recognition of Thomas and Elizabeth Bellavance, who were great supporters of the Honors Program and in whose honor the endowment for these scholarships is named. Bellavance Scholars are required to maintain a 3.5 GPA and remain active in the Honors College and Thomas E. Bellavance Honors Program, demonstrating successful progress toward graduating with full University honors. They are recognized each year at the Honors Spring Banquet and their names appear on a large plaque that is publicly displayed in the Honors Center.

In addition, the Honors College grants between 12 and 15 Director's Fellowships to incoming freshmen each year. The fellowships were established to recognize exceptional incoming freshman students who demonstrate outstanding academic achievement and the promise for leadership and success on the Salisbury University campus. Fellowships range from \$1,000 to \$2,000 and are renewable a total of four years. For consideration, applicants need to apply to the Honors College by the priority deadline. Students are selected based on their academic accomplishments, as well as an additional essay. Recipients are decided by the Honors Admissions Committee, comprised of the faculty director of the Thomas E. Bellavance Honors Program and the director of admissions. Director's Fellows receive priority placement in one of the Honors Program's freshman Living Learning Communities. Students are required to maintain a 3.25 GPA and remain active in the Thomas E. Bellavance Honors Program, demonstrating successful progress toward graduating with full University honors. They are recognized each year at the Honors Spring Banquet and their names appear on a large plaque that is publicly displayed in the Honors Center.

THOMAS E. BELLAVANCE HONORS PROGRAM

The Thomas E. Bellavance Honors Program is housed within the University Honors College and is designed to bring together high-achieving students and dedicated faculty in a small University environment. It offers motivated students who are serious about their intellectual growth a variety of special enhanced classes. The program fosters close individual contact between students and faculty and brings together talented students from across campus. Honors courses and extracurricular activities are intended to enrich and complement other educational opportunities and programs available to Salisbury University students.

Add Value to Your College Experience

Whatever your major or area of concentration at SU, the Honors experience can enhance the value of your degree. Graduating with Honors demonstrates to employers and graduate programs that you're the type of person who welcomes challenges and exceeds expectations. Completing the necessary coursework for Honors requires sustained effort across many semesters, and the capstone (or thesis) project shows your ability to work independently at a high level. That kind of determination and self-motivation are attractive to recruiters in virtually every field, giving you a competitive edge in the professional world or in applying to graduate programs nationwide.

The Honors Advantage

- Small classes (no more than 20 students)
- Tailored courses on interesting and unique subjects
- Opportunities to work closely with faculty members on individualized research
- Opportunity to participate in one of four Honors Living Learning Communities
- Priority class registration
- Access to Honors advising
- Financial support for conference travel to regional and national conferences
- Scholarships

Curriculum

The program offers a variety of enhanced courses to satisfy the interests of all Honors students. Enhanced courses meet for three hours a week and are available to students admitted to the program as well as any SU student with at least a 3.5 GPA.

The curricular requirements for both Bellavance University and General Honors programs are noted in this chapter and full University checklists for them can be found at www.salisbury.edu/honors/checklist.html. Full course descriptions for Honors unique topics courses can be found at www.salisbury.edu/honors/courses.html.

Honors Program students must earn a C or better in all courses used to fulfill Honors Program requirements; Honors courses cannot be taken pass/fail.

Honors Courses

► HONR 111: Critical Thinking and Writing

Examines processes for developing clear and sound arguments. The course emphasizes critical thinking, debate, information literacy and research skills.

► HONR 112: Issues in Social Sciences

This topics course introduces students to fundamental aspects of the social sciences through a study of a particular issue. New topics are offered every semester.

► HONR 211: Issues in Humanities

This topics course introduces students to fundamental aspects of the humanities through a study of a particular cultural issue. New topics are offered every semester.

► HONR 212: Issues in Natural Sciences

This topics course introduces students to fundamental aspects of the natural sciences through a study of a particular scientific issue. New topics are offered every semester.

► HONR 311: Honors Interdisciplinary Seminars

These courses often address topics that transcend individual disciplinary boundaries. Courses are taught by carefully selected professors from a wide variety of disciplines. These seminars appeal to Honors students of all majors. New topics are offered every year.

► HONR 312: Honors Research/Creative Project

In this one-credit independent study course, a student develops a research or creative project suitable for presentation at an undergraduate research conference or equivalent public venue. Students work one-on-one with a faculty mentor from a department of their choosing and with Honors faculty to complete and present this independent project. Honors faculty members assist with arrangements and accompany students to presentations at Honors conferences.

► HONR 490: Honors Thesis Preparation

Honors thesis preparation is a one-credit course designed to set up the framework and faculty support for the project. This is a required course for those who wish to complete a thesis.

► HONR 495: Honors Thesis

The Honors thesis is generally a four-credit course of independent study with culminates in substantial original research, scholarly or creative work. Students may apply for permission to substitute another department's thesis or independent study course for HONR 495. The thesis must be completed with a grade of B or better to fulfill the Honors program requirement.

Study Abroad and Internship Option

Three or four credits from an approved study abroad course or an internship experience may take the place of one HONR 311 course.

Curriculum Requirements for Graduating With Bellavance University Honors

Students who enter SU as freshman and transfer students who have been active in a post-secondary Honors program are eligible to participate in Bellavance University Honors.

► Four Required Courses –

Take four from the following:

	Credits
HONR 111 Critical Thinking and Writing.....4 (General Education ENGL 103)	
HONR 211 Issues in Humanities4 (General Education Group IIIA or IIIC)	
HONR 112 Issues in Social Sciences.....4 (General Education Group IIIB or IIIC)	
HONR 212 Issues in Natural Sciences4 (General Education Group IVB)	
HONR 311 Honors Interdisciplinary Seminar4	

► Additional Courses:

Complete two additional courses from Group 1 or Group 2.

Group 1:

	Credits
HONR 311 Honors Interdisciplinary Seminar4 and	
HONR 312 Honors Research/Creative Project1 (Students complete a research or creative project in a 300-400-level course of their choosing [this does not have to be an Honors course] and present their project at one of several symposia.)	

or

Group 2:

	Credits
HONR 490 Honors Thesis Preparation.....1 and	
HONR 495 Honors Thesis3-4	

Curriculum Requirements for Graduating With Bellavance General Honors

Transfer and SU students who have completed at least 48 college credits may be eligible to participate in the Bellavance General Honors program.

	Credits
HONR XXX Elective Class4 (Choose from HONR 111, 112, 211, 212 or 311)	
HONR 311 Honors Interdisciplinary Seminar4	
HONR 312 Honors Research/Creative Project1	
HONR 490 Honors Thesis Preparation.....1	
HONR 495 Honors Thesis3-4	

Honors Courses and General Education Requirements

Honors courses may satisfy some General Education requirements as follows:

HONR 111: Critical Thinking and Writing

(satisfies Group IA: ENGL 103)

HONR 112: Issues in Social Sciences (satisfies Group IIIB)

HONR 211: Issues in Humanities (satisfies Group IIIA)

HONR 212: Issues in Natural Sciences (satisfies Group IVB)

Courses

www.salisbury.edu/registrar/course_schedules.html

PLEASE NOTE:

- All courses 500 level and above are for graduate credit only.
- For courses in the Henson School of Science and Technology (BIOL, CHEM, COSC, ENGR, ENVH, GEOG, GEOL, MATH, MDTG, NURS, SCIE, PHYS, RESP), please see the Henson School Course Repeat Policy in Appendix F.

The following course listing represents the University curricula as of the publication of this catalog. Additions and changes to the offerings are published in the *Registration Bulletin* and on the Web.

Not all courses are offered every semester. For current offerings consult the most current academic schedule during registration periods. See your academic advisors/department chair for additional information.

ACCOUNTING (ACCT)

201. INTRODUCTION TO FINANCIAL ACCOUNTING 3 hours credit

Provides students with a general overview of financial accounting including the underlying accounting principles and concepts, financial statement preparation, financial statement analysis, cash flow, etc. **Prerequisite:** Twenty-four college credit hours taken at or accepted by SU. **Three hours per week.**

202. INTRODUCTION TO MANAGERIAL ACCOUNTING 3 hours credit

Provides students with an understanding of how accounting information is used in the operation of a business. Topics include inventory costing systems (job order costing and process costing), cost-volume-profit analysis, budgeting, performance evaluation, pricing and cost allocation, etc. **Prerequisite:** C or better in ACCT 201. **Three hours per week.**

248. LEGAL ENVIRONMENT 3 hours credit

In-depth analysis of legal principles and their relationship to commerce. Topics include areas of torts, constitutional law, contracts and government regulation. **Three hours per week.**

302. COST ACCOUNTING I 3 hours credit

Emphasizes the use of accounting information for budgeting, planning and control, and decision making. Topics include integrated budgeting, variance analysis, job-order costing, activity-based costing, relevant costs for decision making, etc. **Major Prerequisites:** C or better in ACCT 201, 202 and admission to the Professional Program. **Non-Major Prerequisites:** C or better in ACCT 201, 202 and junior standing. **Three hours per week.**

304. INTERMEDIATE ACCOUNTING I 3 hours credit

Detailed analysis of current and noncurrent assets and the related revenue and expense accounts. Emphasis on recent APB and FASB pronouncements. **Major Prerequisites:** C or better in ACCT 201, 202 and admission to the Professional Program. **Non-Major Prerequisites:** C or better in ACCT 201, 202 and junior standing. **Three hours per week.**

305. INTERMEDIATE ACCOUNTING II 3 hours credit

Detailed analysis of accounting concepts, including current and noncurrent liabilities, stockholders equity accounts, related revenue and expense accounts, and statement of changes in financial position. Emphasis on recent APB and FASB guidelines. **Major Prerequisites:** C or better in ACCT 304, successful completion of the Accounting Program admission test and admission to the Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304, successful completion of the Accounting Program admission test and junior standing. **Three hours per week.**

306. MANAGERIAL ACCOUNTING 3 hours credit

Introduction to internal accounting--accounting for planning and control and also for special decisions. Various topics and techniques are covered, the most pervasive being budgets. **Major Prerequisites:** C or better in ACCT 202 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 202 and junior standing. **Three hours per week.**

338. SPECIAL TOPICS IN ACCOUNTING 3 hours credit

Advanced study of varying accounting topics based on students' interests and needs. May be repeated once for credit under different subtitles. May substitute for an accounting elective depending on the topic (see chair of Accounting Department). **Major Prerequisites:** C or better in ACCT 304 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

341. FEDERAL INCOME TAX ACCOUNTING: PERSONAL 3 hours credit

Discussion of technical tax provisions as they pertain to individuals. Emphasis on tax planning considerations. Use of IRS forms where appropriate. This course, along with successful participation in the VITA program, satisfies the ABLE requirement. **Major Prerequisites:** C or better in ACCT 201, 202 and admission to the Professional Program. **Non-Major Prerequisites:** C or better in ACCT 201, 202 and junior standing. **Three hours per week.**

342. FEDERAL INCOME TAX ACCOUNTING: PARTNERSHIP AND CORPORATION 3 hours credit

Discussion of technical tax provisions as they pertain to corporations, partnerships, estates and trusts. Emphasis on tax planning considerations. **Major Prerequisites:** C or better in ACCT 341 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 341 and junior standing. **Three hours per week.**

348. BUSINESS LAW
3 hours credit

Detailed expansion of Legal Environment (ACCT 248). Additional topics include business associations, partnerships, agencies, corporations, bankruptcy law, securities and accountants' liability. Stresses topics commonly found on the uniform CPA examination. **Major Prerequisites:** C or better in ACCT 248 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 248 and junior standing. **Three hours per week.**

401. INTEGRATED ACCOUNTING SYSTEMS
3 hours credit

Detailed analyses and applications of computerized integrated accounting software systems. Topics include general ledger, accounts receivable, accounts payable, payroll, inventory and report writing systems. **Major Prerequisites:** C or better in ACCT 202 and admission to Professional Program. **Major Prerequisites:** C or better in ACCT 202 and junior standing. **Three hours per week.**

403. ADVANCED ACCOUNTING I
3 hours credit

In-depth study of consolidations and governmental/not-for-profit accounting. **Major Prerequisites:** Senior status, C or better in ACCT 305 and admission to Professional Program. **Non-Major Prerequisites:** Senior status and C or better in ACCT 305. **Three hours per week.**

404. ADVANCED ACCOUNTING II
3 hours credit

Examination of advanced accounting topics such as foreign currency translations; segment, interim and SEC reporting; troubled debt; partnerships; and estates and trusts. **Major Prerequisites:** C or better in ACCT 305 and 403 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 305 and 403 and junior standing. **Three hours per week.**

407. AUDITING
3 hours credit

Duties and responsibilities of auditors, auditing standards, examination procedures, work paper preparation and audit reports. **Major Prerequisites:** Senior status, C or better in ACCT 305 and admission to Professional Program. **Non-Major Prerequisites:** Senior status and C or better in ACCT 305. **Corequisite:** ACCT 497. **Three hours per week.**

410. ADVANCED PROBLEMS IN FINANCIAL, MANAGERIAL AND GOVERNMENTAL ACCOUNTING

3 hours credit
Advanced applications in financial, managerial and governmental accounting. The first of a two-course elective sequence for accounting majors who plan to pursue a career in public accounting as certified public accountants. **Major Prerequisites:** C or better in ACCT 305 or permission of the department chair, and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 305 or permission of the department chair, and junior standing. **Three hours per week. (P/F)**

411. ADVANCED PROBLEMS IN TAXATION, LAW AND AUDITING
3 hours credit

Advanced applications in federal taxation, business law, professional responsibilities and ethics, and auditing. The second of a two-course elective sequence for accounting majors who plan to pursue a career in public accounting as certified public accountants. **Major Prerequisites:** C or better in ACCT 305 or permission of the department chair, and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 305 or permission of the department chair, and junior standing. **Three hours per week. (P/F)**

415. GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING**3 hours credit**

Examination of the full range of accounting and reporting policies and procedures for state and local governments as well as for not-for-profit organizations. **Major Prerequisites:** C or better in ACCT 304 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

418. FRAUD EXAMINATION**3 hours credit**

An introduction to fundamentals of fraud examination, including nature and types of fraud, fraud prevention, and techniques to detect fraud in organizations. Provides the foundation to understanding fraud and its impact on the world around us. **Major Prerequisites:** C or better in ACCT 304 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

420. ACCOUNTING INFORMATION SYSTEMS**3 hours credit**

Examination of the role of accounting information in the organization. Major topics include users of accounting information, goals and objectives, review of accounting systems, the human component, hardware, software, data, operating controls and management controls. **Major Prerequisites:** C or better in ACCT 304 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

430. INTERNATIONAL ACCOUNTING**3 hours credit**

Introduction to a variety of international accounting issues encountered by multinational organizations. Includes accounting and auditing standards, consolidations and taxation. **Major Prerequisites:** C or better in ACCT 304 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

435. ACCOUNTING IN ITS GLOBAL SETTING**3 hours credit**

Introduction to a variety of international accounting issues encountered by multinational organizations. Issues include financial accounting standards; consolidation of international operations; auditing standards and procedures; managerial accounting systems for information gathering, planning, control and performance measurement; and international taxation. Part or all of the course will be held in another country. **Major Prerequisites:** C or better in ACCT 304 and admission to Professional Program. **Non-Major Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

460. CONTEMPORARY ISSUES IN ACCOUNTING**3 hours credit**

Study of contemporary problems and issues emerging in the accounting profession. Includes developments at the SEC, FASB, GASB, GAO, IFAC, AICPA, etc., plus other technical issues. **Prerequisites:** C or better in ACCT 304 and junior standing. **Three hours per week.**

490. ACCOUNTING INTERNSHIP**3 hours credit**

Internship experience in accounting. Placement and approval by chair of the accounting department required. **Prerequisites:** C or better in ACCT 201, 202; successful completion of the Professional Program admission test; C or better in, or concurrent enrollment in, ACCT 304; placement approval and permission of the department chair; completion of ABE administrative requirements; admission to Professional Program; successful completion of BUAD 300. **Three hours per week.**

491. ADVANCED ACCOUNTING INTERNSHIP**1-3 hours credit**

Research associated with an internship experience in accounting. **Prerequisites:** ACCT 490 or completion of ABE requirement, placement approval and permission of the department chair, completion of ABE administrative requirements. **One to three hours per week.**

494. DIRECTED STUDY**1-3 hours credit**

For students who desire to do research or pursue a special topic in accounting. May be used as an accounting elective if approved by the chair of the Accounting Department. **Prerequisites:** Junior status and permission of instructor prior to registration. **One to three hours per week.**

497. ACCOUNTING CAPSTONE INTERNSHIP**3 hours credit**

A capstone experience which prepares graduates for their professional careers. Satisfies the ABE requirement of the Accounting Department. **Prerequisites:** C or better in ACCT 305, admission to the Professional Program and senior standing. **Corequisite:** ACCT 407. **Three hours per week.**

510. GRADUATE SURVEY OF ACCOUNTING**3 hours credit**

Introduction to the principles of accounting for proprietorships, partnerships and corporations. Surveys current financial accounting principles, the accounting cycle and financial statements. **Prerequisite:** Provisional status in M.B.A. program. **Three hours per week.**

605. FINANCIAL ACCOUNTING THEORY**3 hours credit**

Basic framework of accounting theory relating to income determination and funds flows. The basic problem of asset measurement, classification and the objective of financial reporting are presented along with the official and unofficial pronouncements of accounting societies and changes in accounting procedures. Basic understanding of the nature and development of accounting principles along with their application to current practice. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

608. ADVANCED AUDITING**3 hours credit**

Addresses current issues in the technical, political, legal and economic environment which affect the public accounting profession's performance of its audit and attest function. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

615. GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING**3 hours credit**

Covers the full range of accounting and reporting policies and procedures for state and local governments as well as for a variety of not-for-profit organizations. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

620. ADVANCED ACCOUNTING INFORMATION SYSTEMS**3 hours credit**

Presents the underlying concepts of information management, with an emphasis on accounting applications and systems controls. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

630. INTERNATIONAL ACCOUNTING**3 hours credit**

Introduces a variety of international accounting issues encountered by multinational organizations. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

640. MANAGERIAL ACCOUNTING**3 hours credit**

Study of the use by management of accounting information for planning and control. Includes budgeting, cash-flow analysis, cost behavior concepts, strategic planning and financial reporting. This course is for non-accounting majors. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

645. ADVANCED TAXATION AND PUBLIC POLICY**3 hours credit**

Focus on foundation and application of tax policy and law for federal and state income taxation. Individual, business and fiduciary tax knowledge will allow the student to develop a tax awareness by developing an ability to recognize tax problem areas, pitfalls and planning opportunities. Local, state, federal and international taxation issues and current events of U.S. individuals and business entities coupled with expanding on tax research skills will prepare students for management decision making roles in the consulting or business world. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

650. ADVANCED MANAGERIAL ACCOUNTING**3 hours credit**

Provides undergraduate accounting majors with advanced treatment of new and complex techniques and procedures integral to the design and implementation of managerial and cost control systems in a rapidly evolving technological environment. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

660. CONTEMPORARY ISSUES IN ACCOUNTING**3 hours credit**

Study of contemporary problems and issues emerging in the accounting profession. Includes developments at the SEC, FASB, GASB, GAO, IFAC, AICPA, etc., plus other technical issues. **Prerequisites:** A total of nine hours of upper-division accounting courses including ACCT 302, 304. Admission to the M.B.A. program. **Three hours per week.**

666. ACCOUNTING CONCEPTS AND APPLICATIONS**3 hours credit**

Examines contemporary practices within the accounting field. Emphasizes concepts and applications to hone analytical and decision-making skills. Topics include measurement and performance designs, as well as monitoring and disclosure objectives. **Prerequisites:** Admission to the M.B.A. program, ACCT 201 or equivalent with a C or better. **Six hours per week for half a semester.**

698. DIRECTED INDEPENDENT STUDY**1-3 hours credit**

Individual tutorial course including accounting research topics not covered in other accounting courses. May be taken a maximum of two times (regardless of number of credits each time) under different subtitles. **Prerequisites:** A total of nine hours of upper-division accounting courses including ACCT 302, 304; completion of M.B.A. Office administrative requirements; and admission to the M.B.A. program. **One to three hours per week.**

699. SPECIAL TOPICS IN ACCOUNTING**3 hours credit**

Study of specific problems and issues in accounting not covered in other courses. May be taken twice (maximum number of credit is six) under different subtitles. **Prerequisites:** A total of nine hours of upper-division accounting courses including ACCT 302, 304. Admission to the M.B.A. program. **One to three hours**

AIR FORCE SCIENCE (AFSC)

110. FOUNDATIONS OF THE U.S. AIR FORCE I 1 hour credit

Introduction to the Air Force ROTC that surveys the roles of the U.S. Department of Defense and the U.S. Air Force in our society. **Prerequisite:** Enrollment in the Air Force ROTC program. **One hour per week.**

111. FOUNDATIONS OF THE U.S. AIR FORCE II 1 hour credit

Study of basic leadership and team-building skills. Continues to explore career fields and basic core values in the Air Force. Designed to enhance basic oral and written communication skills. **Prerequisite:** Enrollment in the Air Force ROTC program. **One hour per week.**

150. INITIAL MILITARY TRAINING I 0 hours credit

First-year leadership lab teaches the principles of followership in both small groups and larger organizations. Cadets are oriented to Air Force organizational structure, customs and courtesies, and regulations. Opportunities to demonstrate followership and group dynamics are provided through first-aid training, small-unit tactics, athletic competition, drill and ceremony, and organizing events. **Prerequisite:** Enrollment in the Air Force ROTC program. **Corequisite:** AFSC 110. **Two hours per week.**

151. INITIAL MILITARY TRAINING II 0 hours credit

Continuation of leadership activities started in AFSC 150. **Prerequisite:** Enrollment in the Air Force ROTC program. **Corequisite:** AFSC 111. **Two hours per week.**

210. EVOLUTION OF USAF AIR AND SPACE POWER I 1 hour credit

Examines the importance of air and space power starting with the first and second World Wars and concluding with the initiation of the Korean Conflict. **Prerequisite:** Enrollment in the Air Force ROTC program. **One hour per week.**

211. EVOLUTION OF USAF AIR AND SPACE POWER II 1 hour credit

Examines the importance of air and space power through the Korean, Vietnam, Gulf and current War on Terrorism. Focuses on events, leaders and technical developments which surrounded the evolution and employment of USAF air and space power from the Korean War to the present. **Prerequisite:** Enrollment in the Air Force ROTC program. **One hour per week.**

250. FIELD TRAINING PREPARATION I 0 hours credit

Second-year leadership lab teaches the principles of leadership of small groups as components of a larger organization. Second-year cadets assume leadership roles in an Air Force organizational structure and train first-year cadets, while themselves receiving training from third-year cadets. **Prerequisite:** Enrollment in the Air Force ROTC program. **Prerequisite or Corequisite:** AFSC 150. **Corequisite:** AFSC 210. **Two hours per week.**

251. FIELD TRAINING PREPARATION II 0 hours credit

Second-year cadets participate in intense physical and military training sessions to prepare them to succeed at Air Force ROTC summer field training. Second-year cadets not offered enrollment in the Professional Officer Training courses perform as small-group leaders with first-year cadets. **Prerequisite:** Enrollment in the Air Force ROTC program and AFSC 250. **Prerequisite or Corequisite:** AFSC 151. **Two hours per week.**

310. AIR FORCE LEADERSHIP STUDIES I 2 hours credit

Focuses on the study of leadership principles, allowing students to serve as leaders in the cadet wing as well as providing skills needed to progress to the rank of Second Lieutenant during active duty. Provides advanced leadership experiences through a laboratory component. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

311. AIR FORCE LEADERSHIP STUDIES II 2 hours credit

Study of leadership as a leader in the Air Force cadet group as well as in future active duty situations. Provides advanced leadership experiences and the opportunity to apply the principles. Course is taught at University of Delaware. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

350. PROFESSIONAL OFFICER TRAINING I 0 hours credit

Third-year cadets are assigned leadership roles within the cadet command structure, in which they assume responsibility for the success of training first- and second-year cadets, in one semester, and are assigned staff positions within the cadet command structure in the other semester, in which they learn and employ communications, planning, organizational and logistical skills in the context of accomplishing cadet activities. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

351. PROFESSIONAL OFFICER TRAINING II 0 hours credit

Continuation of leadership activities started in AFSC 350. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

410. AIR FORCE LEADERSHIP STUDIES AND PREPARATION FOR ACTIVE DUTY I 2 hours credit

Focuses on applying concepts in leadership and management by comprehending leadership styles and managerial functions, concepts of individual motivation and organizational/group dynamics, and decision-making processes. Emphasizes oral and written communication skills, leadership research and behavior. Course is taught at University of Delaware. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

411. AIR FORCE LEADERSHIP STUDIES AND PREPARATION FOR ACTIVE DUTY II 2 hours credit

Continuation of the application of leadership and management principles to Air Force cadet group activities and future active duty situations. Provides advanced leadership, responsibilities and opportunities to apply the effective principles to real-life situations. Course is taught at University of Delaware. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

450. PROFESSIONAL OFFICER TRAINING III 0 hours credit

Fourth-year cadets assume senior leadership roles within the cadet command structure, in which they exercise leadership over numerous other cadets. Executive leadership is developed. Cadets practice long-range planning, budgeting, human resource management, logistics, regulatory compliance, and development and communication of mission statements, goals and operation plans. Cadets will be assigned a senior command-leadership position one semester and a senior staff position in the other semester. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

451. PROFESSIONAL OFFICER TRAINING IV

0 hours credit

Continuation of leadership activities started in AFSC 450. **Prerequisite:** Enrollment in the Air Force ROTC program. **Two hours per week.**

AMERICAN SIGN LANGUAGE

101. ELEMENTARY SIGN LANGUAGE I

4 hours credit

Beginning study of American Sign Language including the culture of deaf people. **Three hours per week with enhancement.** Meets General Education IIIA or IIIC.

102. ELEMENTARY SIGN LANGUAGE II

4 hours credit

Continuation of skill development and vocabulary and sign acquisition of American Sign Language including the culture of deaf people. **Prerequisite:** ASL 101 or one year of high school sign language or equivalent experience. **Three hours per week with enhancement.** Meets General Education IIIA or IIIC.

AMERICAN STUDIES (AMST)

205. THE AMERICAN EXPERIENCE

3 hours credit

Introductory course in American Studies. Attempts to define the American character and society through reading in history, biography and fiction covering the 19th and 20th centuries. **Three hours per week.**

305. ALTERNATIVE COMMUNITIES AND LIFESTYLES IN AMERICA

3 hours credit

Survey of American countercultures from the Puritans to recent communes. Emphasis on alternative forms of religion, economic and social organization, and marriage. **Three hours per week.**

315. TOPICS IN AMERICAN STUDIES

3 hours credit

Historical study of some particular aspect of American society and culture. May be taken twice under different course titles. **Three hours per week.**

480. SENIOR SEMINAR IN AMERICAN STUDIES

4 hours credit

A research seminar. Students design and carry out a research project. Class reading and discussion attempts to integrate previous work done in American studies and arrive at a comprehensive overview of American society and culture. Crosslisted with HIST 375. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.** Meets General Education IIB.

ANTHROPOLOGY (ANTH)

100. CULTURAL ANTHROPOLOGY AND LINGUISTICS

4 hours credit

Introduction to the study of human culture and communication across a wide range of traditional and modern societies, with an emphasis on participant-observation ethnographic fieldwork. May not receive credit for both ANTH 212 and ANTH 100. **Three hours per week with enhancement.** Meets General Education IIIB or IIIC.

102. BIOLOGICAL ANTHROPOLOGY AND ARCHAEOLOGY

4 hours credit

Introduction to the study of human biological and cultural evolution from the earliest hominins to the present, with an emphasis on paleoanthropological and archaeological research. **Three hours per week with enhancement.** Meets General Education IIIB or IIIC.

200. TOPICS IN ANTHROPOLOGY

4 hours credit

Study of specific topics in varied fields of anthropology. **Three hours per week with enhancement.** Meets General Education IIIB or IIIC.

201. CULTURAL ANTHROPOLOGY SURVEY

4 hours credit

A comprehensive survey of the indigenous peoples and traditional cultures of a specific region of the world, focusing on ethnographic and linguistic research. May be taken twice under different subtitles. **Three hours per week with enhancement.** Meets General Education IIIB or IIIC.

202. ARCHAEOLOGY SURVEY

4 hours credit

A comprehensive survey of the archaeological cultures of a specific region of the world or chronological period. May be taken twice under different subtitles. May not receive credit for both ANTH 250 and ANTH 202. **Three hours per week with enhancement.** Meets General Education IIIB or IIIC.

215. RELIGION, MAGIC AND WITCHCRAFT

4 hours credit

Study of beliefs and rituals of people affected by the presence of gods or other supernatural beings. Topics include magic, witchcraft and shamanist practices among aboriginal and traditional societies throughout the world. **Three hours per week with enhancement.** Meets General Education IIIB or IIIC.

301. CULTURAL ANTHROPOLOGICAL METHOD AND THEORY

4 hours credit

Survey of the theoretical history of cultural anthropology and a detailed overview of the methods of ethnographic research. **Prerequisites:** Sophomore standing and completion of two anthropology track core courses with grades of C or better. **Three hours per week with enhancement.**

302. ARCHAEOLOGICAL METHOD AND THEORY

4 hours credit

Survey of the theoretical history of archaeology and a detailed overview of the methods of archaeological research. **Prerequisites:** Sophomore standing and completion of two anthropology track core courses with grades of C or better. **Three hours per week with enhancement.**

400. INDIVIDUAL DIRECTED STUDY

4 hours credit

Advanced study in an area of anthropology through intensive literature and/or field research. **Prerequisites:** Sophomore standing and completion of two anthropology track core courses with C or better grades.

410. ARCHAEOLOGICAL FIELD METHODS

6 hours credit

Instruction in the hands-on techniques of archaeological fieldwork, including survey, excavation and the recording of finds. Offered during summer term only. **Thirty-five hours per week.**

459. SEMINAR IN ANTHROPOLOGY

4 hours credit

Advanced study of current research and literature in a selected field of anthropology. May be repeated twice under different

ent subtitles. **Prerequisites:** Sophomore standing and completion of two anthropology track core courses with C or better grades. **Three hours per week with enhancement.**

497. UNDERGRADUATE RESEARCH 4 hours credit

Independent student research under anthropology faculty supervision. Students will have the opportunity to study a topic in depth and design their own research project; public presentation of results required. **Prerequisites:** Junior standing and satisfactory completion of three core courses.

500. INDIVIDUAL DIRECTED STUDY 3 hours credit

Advanced study in an area of anthropology through intensive literature and/or field research. May be repeated once under different subtitles.

510. ARCHAEOLOGICAL FIELD METHODS 6 hours credit

Instruction in the hands-on techniques of archaeological fieldwork, including survey, excavation and the recording of finds. Offered during summer term only. **Thirty-five hours per week.**

559. SEMINAR IN ANTHROPOLOGY 3 hours credit

Advanced study of current research and literature in a selected field of anthropology. **Three hours per week.**

APPLIED HEALTH PHYSIOLOGY (AHPH)

502. INTRODUCTION TO RESEARCH 3 hours credit

Methods of investigating physiological mechanisms within the human clinical context; development of skills for producing as well as consuming research by proposing a research plan. **Prerequisite:** Admission to program. **Three hours per week.**

512. PERFORMANCE: THEORY AND PRACTICE 3 hours credit

Examination of strength training techniques and program design. Emphasis placed on proper form and utilization of various workout designs to complement larger training goals. Students will gain experience in the practical aspects of designing individual workout sessions, periodization and programming to enhance progression. The course is designed to assist the student in meeting requirements to be eligible for and pass the National Strength and Conditioning Association's Certified Strength and Conditioning Specialist exam (additional fee required for examination). **Prerequisite:** Admission to graduate study. **Three hours per week.**

513. EXERCISE AND STRENGTH TRAINING FOR REHABILITATION 3 hours credit

Review of injury process to bones/muscles that affect strengthening techniques and ability as well as the interaction of complicating medical history on exercise programs. Students will apply concepts of strengthening, cardiovascular and stretching techniques and design integrated programs for individuals with various medical conditions. **Prerequisite:** Admission to program. **Three hours per week.**

514. MUSCLE PHYSIOLOGY 3 hours credit

Examination of muscle structure and function. Focus on muscle response to aerobic and resistance training and alterations induced via supplement use. Additionally, students examine the influence of muscle disuse and response to

injury. **Prerequisite:** Admission to graduate study. **Three hours per week.**

515. APPLIED STRENGTH AND CONDITIONING 3 hours credit

Application of concepts and principles presented in AHPH 512 and AHPH 513. Students are assigned a group of athletes to train. Students work under the direction of the course instructor to design, implement and modify the strength and conditioning programs for their athletes. Emphasis is placed on tailoring the strength and conditioning programs to best meet the individual athlete's needs. **Prerequisite:** AHPH 512 and American Heart Association Health Care Provider CPR. **Three hours per week.**

532. EXERCISE METABOLISM 3 hours credit

A systematic, in-depth examination of the regulation of metabolic processes during exercise. Emphasis on carbohydrate, lipid and amino acid pathways in skeletal muscle, adipose tissue and the liver. Also includes an examination of metabolic factors contributing to fatigue and metabolic adaptations to strength and endurance exercise training. **Prerequisite:** Admission to Applied Health Physiology Program. **Three hours per week.**

534. HUMAN PSYCHOPHYSIOLOGY 3 hours credit

Study of the interrelationships between the mind and body. Examination of current research and historical views on the interaction of physiological processes and psychological function. **Prerequisite:** Admission to Applied Health Physiology Program. **Three hours per week.**

542. COMPREHENSIVE WEIGHT MANAGEMENT 3 hours credit

Study of exercise programming guidelines as established by the American College of Sports Medicine. A strong focus is placed upon nutrition and weight control in conjunction with exercise prescription recommendation for a variety of clinical populations. Students gain practical experience in developing exercise programs for individuals with various conditions. **Prerequisite:** Admission to program. **Three hours per week.**

544. ESSENTIALS OF PHARMACOLOGY 3 hours credit

Examination of the physiological mechanisms involved in the clinical treatment of individuals with medications. Emphasis placed on the pharmacological influence on therapeutic exercise program design, monitoring techniques and patient outcomes. **Prerequisites:** Admission to program. **Three hours per week.**

545. CARDIOPULMONARY PHYSIOLOGY 3 hours credit

Study of cardiopulmonary physiology with an emphasis on gas transport, fluid and electrolyte balance, acid-base regulation, response to exercise and training adaptations. **Prerequisite:** Admission to program. **Three hours per week.**

546. SPECIAL POPULATIONS INTERVENTIONS 3 hours credit

Study of the pathophysiology and psychosocial aspects of aging populations with Chronic Obstructive Pulmonary Disease (COPD) and those with Coronary Artery Disease (CAD). Examination of the deleterious effects of COPD and CAD on physical and psychological functioning. Emphasis on cardiac/pulmonary rehabilitation as a mechanism to enhance quality of life in populations with COPD and/or CAD. **Prerequisites:** Admission to program. **Three hours per week.**

553. APPLIED CLINICAL PHYSIOLOGY 3 hours credit

Study of common lab techniques used in physiologic health screening, fitness testing and research. Emphasis on car-

diorespiratory and musculoskeletal procedures. **Three hours per week.**

557. APPLIED CARDIOPULMONARY PHYSIOLOGY 3 hours credit

Using a case-based approach to enhance critical thinking, this course provides an in-depth study of applied cardiovascular/pulmonary physiology to Advanced Cardiovascular Life Support (ACLS). An expected outcome is achieving certification as ACLS providers. **Prerequisite:** American Heart Association Basic Life Support and consent of program director. **Three hours per week.**

559. RESEARCH IN PHYSIOLOGY 3 hours credit

Teams identify a novel research question and develop a research protocol designed to answer that question. This includes conducting a pertinent literature review, determining resource needs and preparing an explanation/defense appropriate for the SU Human Subjects Committee. Concurrently, discuss original research articles and gain practical experience contributing to an existing line of research. **Prerequisite:** AHPH 502. **Six hours per week.**

562. TRENDS AND ISSUES IN PHYSIOLOGY 3 hours credit

In-depth examination of current literature in physiological journals. Emphasis placed upon critical review of research in regards to methodology, data interpretation and conclusions derived from data. **Prerequisite:** Admission to program. **Three hours per week.**

590. SELECTED TOPICS IN APPLIED HEALTH PHYSIOLOGY 3 hours credit

Provides opportunities to investigate special themes or issues of interest for students in the health and fitness professions. Topics will vary by semester. May be repeated once under different course subtitles for a total of six credits. **Prerequisite:** Permission of instructor. **Three hours per week.**

692. INTERNSHIP I 3 hours credit

A practical experience that requires the student to synthesize relevant professional knowledge and skills within a client care delivery environment. **Prerequisite:** Permission of program director, completion of 30 AHPH Program graduate hours. As required by the internship site: purchase of professional liability insurance, immunizations satisfaction, medical clearance to participate, criminal background investigation, drug screening and American Heart Association Basic Life Support.

693. INTERNSHIP II 3 hours credit

A practical experience that requires the student to synthesize relevant professional knowledge and skills within a client care delivery environment. **Prerequisite/Corequisite:** AHPH 692. **Prerequisite:** Permission of program director, completion of 33 AHPH Program graduate hours. As required by the internship site: purchase of professional liability insurance, immunizations satisfaction, medical clearance to participate, criminal background investigation, drug screening and American Heart Association Basic Life Support.

ARABIC (ARAB)

101 ELEMENTARY ARABIC I 4 hours credit

Beginning spoken and written Arabic with emphasis on the sound system and the basic structures of the language. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102 ELEMENTARY ARABIC II 4 hours credit

Continuation of skill development in spoken and written Arabic with further study of major structures. **Prerequisite:** ARAB 101 or at least one year of high school Arabic. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

ART (ART)

104. ART APPRECIATION 4 hours credit

Wide-ranging introduction to the visual arts that focuses primarily on the art and architecture of Western Civilization. Topics include art theory, visual perception, subject matter and content, art-making media and techniques, the creative process and the relation of art to its historical and cultural context. For non-majors only. Does not fulfill any requirements for art majors, art minors or art history minors. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

121. DESIGN PRINCIPLES 4 hours credit

Introduction to and development of knowledge and comprehension of the underlying principles of visual composition, through the creation of designs. Bulk supplies are provided, but students need to furnish some materials. **Major Corequisite:** ART 130; no corequisite/prerequisite for non-majors. **Six hours per week. Meets General Education IIIA or IIIC.**

129. INTRODUCTION TO DIGITAL PHOTOGRAPHY 4 hours credit

Introductory-level course designed to explore fundamentals of composition using digital photography and related support technology. Stresses the application of the elements of design and principles of composition through traditional photographic assignments and is appropriate for non-art majors, art minors and art majors in all tracks except photography. Instruction includes use of a digital camera and basic image manipulation programs. Students must provide their own cameras. **Major Prerequisite:** ART 121. **Six hours per week. Meets General Education IIIA or IIIC.**

130. DRAWING I 4 hours credit

Introduction to basic drawing principles, using a combination of black and white media in the exploration of linear and tonal elements. Students furnish their own materials. B.A. and B.F.A. core. **Major Corequisite:** ART 121; no corequisite/prerequisite for non-majors. **Six hours per week. Meets General Education IIIA or IIIC.**

201. INTRODUCTION TO ART HISTORY 4 hours credit

Chronological survey of art and architecture in western civilization, from prehistory to the present. Considers the style, subject matter and purposes of art in relation to its historical time period or culture. B.A. and B.F.A. core. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

208. HISTORY OF BAROQUE AND ROCOCO ART 4 hours credit

Survey of the visual arts in Europe from the late 16th century to the end of the 18th century. Explores the work of the era's major artists in relation to the larger historical, social and cultural contexts of their time. Emphasis on new developments in subject matter, patronage and art theory. **Major Prerequisite:** ART 201; no prerequisite for non-majors. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

215. CERAMICS I 4 hours credit

Introduction to the art of making clay forms using methods of hand building, forming, glazing, decorating and firing. Students furnish their own materials. B.A. Core. **Major Prerequisites:** ART 121, 130; no prerequisites for non-majors. **Six hours per week. Meets General Education IIIA or IIIC.**

226. GRAPHIC DESIGN I 4 hours credit

Introduction to graphic design as a specialized arts medium that integrates text and images to communicate specific messages to diverse viewers. Covers the history of graphic design, principles of visual communication and image creation, and the use of specialized computer software to solve basic graphic design problems. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

227. DIGITAL DESIGN AND LAYOUT 4 hours credit

Introduction for non-graphic design majors to the principles of graphic design and layout, and to the basic software packages used in graphic design. Designed to help fine arts majors prepare and present images of their artwork in a professional manner, and should be taken in the junior or senior year. **Major Prerequisites:** ART 121, 130, 201 and either 129 or 229; no prerequisites for non-majors. **Six hours per week.**

229. PHOTOGRAPHY I 4 hours credit

Introduction to basic elementary black and white photographic methods and darkroom procedures. Students furnish their own cameras, film, paper and developing tank. B.A. core. **Major Prerequisites:** ART 121, 130, 201; no prerequisites for non-majors. **Six hours per week.**

230. DRAWING II 4 hours credit

Introduction to monochromatic and polychromatic drawing techniques using wet and dry media. Students furnish their own materials. B.F.A. core. **Major Prerequisites:** ART 121, 130, 201. **Non-Major Prerequisite:** ART 130. **Six hours per week.**

246. PAINTING I 4 hours credit

Introduction to techniques in oil, acrylics and watercolor. Students furnish their own materials. B.A. and B.F.A. core. **Major Prerequisites:** ART 121, 130, 201. **Non-Major Prerequisite:** ART 130. **Six hours per week.**

261. SCULPTURE I 4 hours credit

Exploration of three-dimensional form and content using a variety of materials and processes in a studio setting, which includes a wood shop, welding studio, bronze and iron foundry, and mixed media room. Students furnish some of their own materials. There are no prerequisites for non-majors. **Major Prerequisites:** ART 121, 130, 201. **Meets General Education IIIA or IIIC. Six hours per week.**

265. WOOD SCULPTURE 4 hours credit

Introduction to various woods, tools and sculpting techniques in a studio setting. Students must furnish materials. B.F.A. **Prerequisite:** ART 261. **Six hours per week.**

271. GLASS I 4 hours credit

Learn the basic skills needed to work with hot glass, with an emphasis on teamwork and safety. Through demonstrations and hands-on practice, learn foundational skills in glass blowing, hot sculpting and finishing techniques. Learn basic principles of composition and modes of using glass as a material for artistic expression. Studio work outside of class and group

critique of students' work also are required. There are no prerequisites for non-majors. **Major Prerequisites:** ART 121, 130. **Meets General Education IIIA or IIIC. Six hours per week.**

280. NEW MEDIA I 4 hours credit

An integrated and cohesive approach to new media used in contemporary production environments. Includes a field trip to a contemporary art exhibition which focuses on time-based new media art. **Major Prerequisite:** ART 121; no prerequisite for non-majors. **Six hours per week.**

299. SOPHOMORE SEMINAR 2 hours credit

A mid-career forum for student debate and discussion concerning plurality of style, content and formal issues important to contemporary art. Professional and studio practices of artists and designers are introduced, allowing students to make the most of upper-level courses later in their academic careers. **Prerequisites:** Sophomore standing or above, art majors only. **Three hours per week.**

300. HISTORY OF MODERN ART TO 1945 4 hours credit

Survey of the principal movements comprising the modern tradition in art, including Impressionism, Post-Impressionism, Symbolism, Fauvism, Cubism, Expressionism, Abstract Art, Dada and Surrealism. Emphasis on new theories redefining the concept, form and purpose of art, the persona of the artist, and the relation of art to the social and political order. **Major Prerequisite:** ART 201; no prerequisite for non-majors. **Three hours per week with enhancement.**

301. NORTHERN RENAISSANCE ART 4 hours credit

Study of the art of Northern Europe, from the late 14th to the end of the 16th century, in relation to the larger historical, religious, social, economic and cultural contexts of this period. Focus is primarily on painting and printmaking. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** ART 104 or ART 201 or permission of instructor. **Three hours per week with enhancement.**

302. HISTORY OF AMERICAN ART: THE COLONIAL PERIOD TO 1900 4 hours credit

Survey of American painting, sculpture and architecture from the Colonial period to the end of the 19th century. Topics include the historical, social and cultural contexts of American art, the work and ideas of major artists, the relationship of American to European art, and the development of a national identity in American art. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** Permission of instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

303. HISTORY OF AMERICAN ART: THE 20TH CENTURY 4 hours credit

Survey of the visual arts, primarily painting and sculpture, in the United States from the turn of the century to the present. Topics include the historical and social contexts of this art, the world and ideas of major artists, and the emergence of an American avant-garde after World War II. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** Permission of instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

305. ART SINCE 1945 4 hours credit

Survey of major art movements in the United States and Europe since World War II, including key theoretical writings by artists and critics. Topics include the public persona of the artist, new ideas about the concept, form, purpose and interpretation of art, its relation to other disciplines, and its legitimation through arts organizations and the marketplace.

Major Prerequisite: ART 201. **Non-Major Prerequisite:** Permission of the instructor. **Three hours per week with enhancement.**

306. HISTORY OF GREEK AND ROMAN ART 4 hours credit

Survey of ancient Greek and Roman art and architecture, beginning with the emergence of Greek civilization in the ninth century B.C. and ending with the fall of the Roman empire. Considers the style, subject matter and varied purposes of Greek and Roman art in relation to the changing historical, social and cultural contexts of this era. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** ART 104 or ART 201 or permission of instructor. **Three hours per week with enhancement.**

310. HISTORY OF ITALIAN RENAISSANCE ART 4 hours credit

Survey of painting, sculpture and architecture in the principal art centers of Italy during the 15th and 16th centuries. Covers the work and influence of several generations of major artists in relation to the larger historical, social and cultural contexts of this era. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

311. HISTORY OF PRE-COLUMBIAN ART 4 hours credit

Survey of the art and architecture of the indigenous civilizations of Mexico, Central America and the Andean region of South America from approximately 2000 BCE until European Conquest. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** ENGL 103 or permission of instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

312. WEB DESIGN 4 hours credit

Introduction to website design for creating visual materials on a microcomputer. Students create artistic "WWW pages," work on group assignments and publish collective work as a hyperlink to the home pages of the Art Department and/or other campus offices. **Major Prerequisites:** ART 201 and 226 or 227. **Non-Major Prerequisite:** COSC 116 or permission of the instructor. **Six hours per week.**

313. INTERACTIVE ANIMATION 4 hours credit

Introduction to interactive animation on a microcomputer. Learn to design animated, audiovisual content. Instruction in computer illustration and in the mechanics of motion graphics results in content suitable for publication on the Web and stand-alone presentation on compact disc. **Major Prerequisites:** ART 201 and 226 or 227. **Non-Major Prerequisite:** COSC 116 or permission of instructor. **Six hours per week.**

315. CERAMICS II 4 hours credit

Introduction to the elements and principles of designing and making pottery using the wheel throwing process. Students furnish their own materials. **Prerequisite:** ART 215. **Six hours per week.**

318. BOOK ARTS 4 hours credit

Introduction to the handmade, one-of-a-kind "artist's book" as a sculptural medium and creative art form. Explores various bookbinding techniques and both traditional and nontraditional materials, including those used in other art media. Encourages students to draw upon their work in other art courses and fields of study in the design, structure and content of their books. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

326. GRAPHIC DESIGN II 4 hours credit

Introduction to historic and contemporary typographic forms and to the integration of print and interface design for aesthetic and expressive purposes. Using more advanced software, students learn to design direct mail campaigns and promotional materials to establish corporate or product identity. **Prerequisite:** ART 226. **Six hours per week.**

328. ILLUSTRATION 4 hours credit

Students learn how to conceptualize and create images that communicate narrative or editorial content, using a variety of image-making techniques, including photo-imaging, computer-aided drawing, plus various traditional arts media. **Prerequisite:** ART 226 or 227. **Six hours per week.**

329. ALTERNATIVE PROCESSES IN FILM PHOTOGRAPHY 4 hours credit

Continuation of aesthetic and experimental photography. Expands lab and field processes learned in Photography I and emphasizes personal expression. Topics include filters, flash, studio and darkroom techniques, Kodalith and multiple image. Students furnish their own cameras, film, paper and filters. **Prerequisite:** ART 229. **Six hours per week.**

330. DRAWING III 4 hours credit

Continuation of advanced monochromatic and polychromatic drawing techniques using wet and dry media, creating thesis-type projects. Students furnish their own materials. **Prerequisite:** ART 230. **Six hours per week.**

335. WOMEN IN ART 4 hours credit

Study of the art of selected women artists in relation to the historical and social contexts in which they worked and the professional opportunities available to them. Also examines how women have been represented in art, and how these images shape, reinforce or challenge society's beliefs about women and feminine gender roles. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

336. HISTORY OF GRAPHIC DESIGN 4 hours credit

Comprehensive survey of graphic design history from prehistory to present. Topics include the influence of social and political world events, changing technology, important innovators and media evolution on print communications. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

340. PAINTING II 4 hours credit

Study of selected media chosen by the student, with attention to special techniques and problems. Students furnish their own materials. **Prerequisite:** ART 246. **Six hours per week.**

345. ADVANCED COMPOSITION 4 hours credit

A process-oriented drawing course emphasizing increased levels of abstraction using a variety of media with special focus on formal issues. **Prerequisites:** ART 121, 130, 246. **Six hours per week.**

350. PRINTMAKING: LITHOGRAPHY 4 hours credit

Introduction to the principles of lithographic printing through the study of historical elements and practical processes. Various monochromatic lithographic printing techniques explored. Students furnish their own materials. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

351. PRINTMAKING: ETCHING**4 hours credit**

Introduction to the principles of the fine art methods of intaglio printing through the study of historical elements and practical processes. Various monochromatic etching techniques explored. Students furnish their own materials. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

352. PRINTMAKING: SILKSCREEN**4 hours credit**

Introduction to the principles of serigraphic printing through the study of historical elements and practical processes. Various monochromatic and polychromatic silkscreen printing techniques explored. Students furnish their own materials. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

353. PRINTMAKING: RELIEF**4 hours credit**

Introduction to the principles of relief printing through the study of historical elements and practical processes. Various monochromatic and polychromatic relief printing techniques explored. Students furnish their own materials. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

355. DIGITAL IMAGING**4 hours credit**

Introduction to digital imaging software and processes. Students will use photographs as well as original works in other media to create high quality digital prints, from black and white to full color. Emphasis will be placed on esthetic content as well as technical proficiency. **Prerequisites:** ART 121, 130, 201. **Six hours per week.**

359. ADVANCED DIGITAL PHOTOGRAPHY**4 hours credit**

Upper-level course that covers advanced projects in photography using digital technology. Students should have a basic understanding of photographic composition and of basic computer skills required for digital imaging. A digital camera is required. May be taken for a maximum of eight credits. **Prerequisites:** ART 129 or 229 or permission of the instructor. **Six hours per week.**

361. SCULPTURE II**4 hours credit**

Study of the sculpture techniques of welding, casting and hand building. Students furnish their own materials. **Prerequisite:** ART 261. **Six hours per week.**

371. GLASS II**4 hours credit**

Refinement of introductory glass-working techniques and processes, plus demonstrations of more advanced hot-glass processes, cold methods and color techniques. Focuses on studio maintenance and construction of equipment. Students must furnish safety apparel and any materials not covered by the lab fee. **Prerequisite:** ART 271. **Six hours per week.**

380. NEW MEDIA II**4 hours credit**

An intermediate introduction to videography, video editing, sound recording, surround sound mastering, storyboarding, scripting and motion graphics. Includes a field trip to a contemporary art exhibition which focuses on new media art. **Prerequisites:** ART 280. **Six hours per week.**

390. ADVANCED STUDY IN ART**1-3 hours credit**

Advanced study in one or a combination of studio disciplines or art history. Students furnish their own materials. **Prerequisites:** ART 121, 130, 201 and approval of department chair.

391. SPECIAL TOPICS IN ART HISTORY**4 hours credit**

Intensive study, including research, of a particular topic in art history. May be taken twice under different subtitles. **Major Prerequisite:** ART 201. **Non-Major Prerequisite:** ART 104 or ART 201 or permission of instructor. **Three hours per week with enhancement.**

395. SPECIAL TOPICS IN ART**4 hours credit**

Intensive study of a selected area in studio art that includes research. May be taken twice for credit with different subtitles. Students furnish their own materials. **Major Prerequisites:** ART 121, 130, 201. **Non-Major Prerequisite:** Permission of instructor. **Six hours per week.**

399. INTERNATIONAL FIELD STUDY**4 hours credit**

Travel and study of art, geography, history and culture of selected countries. Pre-tour lectures and other activities required. May be repeated once for credit. **Prerequisite:** Permission of instructor. **Meets General Education IIIA or IIIC. Three hours per week with enhancement.**

415. CERAMICS III**4 hours credit**

Presentation of advanced techniques in wheel throwing, clay assembly and kiln firing. Students furnish their own materials. **Prerequisite:** ART 315. **Six hours per week.**

416. ADVANCED CERAMICS**4 hours credit**

Surveys the history, theory and practice of ceramics in a studio setting. Each student investigates and presents a seminar report on an individually chosen area of ceramic art followed by the practical application of discoveries via individual art works. May be taken two times for a maximum of eight credits. **Prerequisite:** ART 415. **Six hours per week.**

420. COLOR PROCESSES IN FILM PHOTOGRAPHY**4 hours credit**

Study of color photography using transparency (slide) film. Practical applications include film selection, exposure and use of color in composition. Discussions of various types of color films and processes and of the history of color. Students furnish their own cameras and most supplies. **Prerequisite:** ART 229. **Six hours per week.**

426. GRAPHIC DESIGN III**4 hours credit**

Using specialized software, students learn how to apply graphic design principles and techniques to the design of three-dimensional packages for consumer products. These package designs must also take into account specific marketing goals. **B.A. Prerequisite:** ART 326. **B.F.A. Prerequisites:** ART 326, completion of 24 hours of the B.F.A. core. **Six hours per week.**

429. STUDIO TECHNIQUES AND APPLIED FILM PHOTOGRAPHY**4 hours credit**

Study of advanced techniques to develop a personal aesthetic, artistic and professional style. Use of 4 x 5 view cameras and other advanced techniques. Projects of photo-essay form, designed to build students' portfolios. Students furnish their own cameras, film and paper. May be taken two times for a maximum of eight credits. **Prerequisite:** ART 229. **Six hours per week.**

430. DRAWING IV**4 hours credit**

Study of advanced monochromatic and polychromatic drawing techniques using wet and dry media with special attention given to ongoing thematic projects. Students furnish their own materials. **B.A. Prerequisites:** ART 330. **B.F.A.**

Prerequisites: ART 330, completion of 24 hours of the B.F.A. core. **Six hours per week.**

431. ADVANCED DRAWING**4 hours credit**

Continued study in studio problems associated with drawing. Focus on the development of a portfolio and a series of papers based on a selected list of readings. This course may be repeated once for credit. **Prerequisite:** ART 430. **Six hours per week.**

440. PAINTING III**4 hours credit**

Study of watercolor, oil, acrylic or media substitute. Focus on painting and critiques. **Prerequisite:** ART 340. **Six hours per week.**

441. PAINTING IV**4 hours credit**

Advanced experience requiring an individual theme and goals using one of the following media: watercolor, oil, acrylic or agreed upon substitute. Development of a professional portfolio. Sketch books and written papers required. Students furnish their own materials. **Prerequisite:** ART 440. **Six hours per week.**

442. ADVANCED PAINTING**4 hours credit**

Continued study in studio problems associated with painting. Focus on the development of a portfolio and a series of papers based on a selected list of readings. This course may be repeated once for credit. **Prerequisite:** ART 441. **Six hours per week.**

461. ADVANCED SCULPTURE**4 hours credit**

Advanced experience of techniques and media. Students furnish their own materials. This course may be taken three times for a maximum of 12 credits. **Prerequisite:** ART 361. **Six hours per week.**

471. ADVANCED GLASS**4 hours credit**

Advanced studio practice in glass is a class for serious students. Continued training with tools and development of expertise in glass and glass equipment. Students work toward developing their own research projects and are expected to take on more responsibility for the running of the glass lab. Students must furnish safety apparel and any materials not covered by the lab fee. May be taken three times for a maximum of 12 credits. **Prerequisites:** ART 371, permission of instructor. **Six hours per week.**

480. ADVANCED NEW MEDIA**4 hours credit**

Using current software, achieve advanced proficiency in videography, video editing, sound mixing, surround-sound mastering, storyboarding, scripting and motion graphics. An analytical component focuses on the use(s) of time-based media by contemporary artists. Students must attend visiting artist lectures and exhibitions designed by the Electronic Gallery. May be taken three times for a maximum of 12 credits. **Prerequisite:** ART 380. **Six hours per week.**

490. INDEPENDENT STUDY**1-3 hours credit**

Directed study in one or a combination of studio disciplines. Students furnish their own materials. May be repeated once under different subtitle, for a total of no more than six credits. **Prerequisite:** Permission of instructor.

491. INTERNSHIP**1-4 hours credit**

Supervised experiences in art-related work to provide students with an opportunity to use acquired knowledge and skills in a professional way. **Prerequisite:** Seniors status with

32 or more hours in art, including eight hours in their program track. **Six hours per week.**

495. GRAPHIC DESIGN AGENCY**4 hours credit**

Students work collaboratively in a setting structured like a graphic design firm to complete job assignments for actual clients, including the University, community and nonprofit organizations. Students also work on self promotion. **Prerequisite:** ART 426. **Six hours per week.**

497. GALLERY INTERNSHIP**2 hours credit**

Supervised experience with an approved art gallery or museum, including hands-on participation in gallery/museum duties and an introduction to curatorial practices, gallery management and institutions of art. May be taken twice for a maximum of four credits. **Prerequisites:** ART 121, 201. **Three hours per week.**

499. SENIOR EXHIBITION**2 hours credit**

Summary of the University art experience through active planning and execution of professionally oriented activities such as a group exhibit, professional portfolios and resumes. **Prerequisites:** Senior standing and permission of instructor. **Three hours per week.**

500. SEMINAR: ISSUES IN ART**3 hours credit**

Discussions and research concerning timely topics in art, including direct student participation and faculty lectures. Topics may vary from semester to semester. May be repeated once for degree credit under different course subtitle. **Prerequisite:** Permission of instructor. **Four hours per week.**

590. INDEPENDENT STUDY**1-3 hours credit**

Directed study in one or a combination of studio disciplines. Students furnish their own materials. May be repeated once under different subtitle, for a total of no more than six credits. **Prerequisite:** Permission of department chair.

ATHLETIC TRAINING (ATTR)

210. FOUNDATIONS OF ATHLETIC TRAINING**4 hours credit**

Review of the history and governance of the athletic training profession. Addresses the body of knowledge and primary responsibilities of the athletic trainer. Basic skills in risk management and injury prevention are emphasized. An overview of the clinical requirements for the athletic training major is provided. May not receive credit for both ATTR 185 and ATTR 210. **Prerequisite:** BIOL 215. **Three hours lecture, two hours laboratory per week.**

213. PATHOLOGY OF INJURIES AND ILLNESSES**4 hours credit**

Designed to address the pathology and the medical management of specific acute illnesses and traumatic injuries that may be encountered by the athletic trainer. Attention is given to the clinical signs and symptoms of orthopedic-related injuries and clinical manifestations of acute trauma of the body's systems. Pathology of injuries and illnesses is covered in an introductory manner to allow students to build a foundation of knowledge for further inquiry. May not receive credit for both PHEC 313 and ATTR 213. **Prerequisites:** ATTR 210, BIOL 215. **Three hours lecture, two hours laboratory per week.**

221. RISK MANAGEMENT STRATEGIES**4 hours credit**

Designed to integrate the topics of risk management and injury prevention in a problem-based learning format. Topics are addressed through a comprehensive approach that includes proficiencies to which the students have been previously exposed. **Prerequisite:** Admission to Athletic Training Program. **Two hours lecture, a minimum of 12 hours clinical practice per week.**

245. ANATOMY OF HUMAN MOVEMENT**4 hours credit**

Designed to allow exploration of concepts related to osteology, myology, and arthrology of the spine and extremities. The assessment of osteokinematics and arthrokinematics is discussed and demonstrated in a laboratory setting. Components of posture and gait are explored and evaluated. Utilize Newton's laws for the understanding of functional anatomy. **Prerequisites:** BIOL 215, 216. **Three hours lecture, two hours laboratory per week.**

280. THERAPEUTIC MODALITIES**4 hours credit**

Designed to introduce the theory and application of therapeutic modalities and physical agents commonly utilized in the athletic training profession. Focus of the material presented includes the selection, indications, contraindications and appropriate parameter selection. **Prerequisite:** Admission to Athletic Training Program. **Three hours lecture, two hours laboratory per week.**

301. CLINICAL PRACTICE RESEARCH**4 hours credit**

Provides information regarding basic concepts and procedures used for conducting quality research. Utilize basic statistical procedures, including descriptive statistics, correlation, regression, t-tests, and Analysis of Variance using statistical software. Measurement concepts, validity and reliability are defined and analyses are conducted. Introduction to the concept of evidence-based practice and its implementation. Become better consumers of research and develop interest in implementing evidence-based practice in future careers. **Prerequisite:** Fifteen hours in athletic training, MATH 155. **Three hours lecture per week with enhancement.**

320. CLINICAL PATHOLOGY**4 hours credit**

Designed to integrate the pathology of traumatic injuries and acute illnesses with prevention and management strategies in a problem-based learning format. Topics are addressed through a comprehensive approach that includes proficiencies to which the students have been previously exposed. May not receive credit for both ATTR 222 and ATTR 320. **Prerequisite:** Admission to Athletic Training Program and ATTR 213. **Two hours lecture, a minimum of 12 hours clinical practice per week.**

321. CLINICAL EVALUATION AND MANAGEMENT**4 hours credit**

Designed to integrate clinical evaluation skills and the use of physical agents and therapeutic modalities in a problem-based learning format. Topics are addressed through a comprehensive approach that includes proficiencies to which the students have been previously exposed. **Prerequisite:** Admission to Athletic Training Program, ATTR 380, 381. **Two hours lecture, a minimum of 12 hours clinical practice per week.**

370. HEALTHCARE ADMINISTRATION FOR ATHLETIC TRAINING**4 hours credit**

Designed to examine the various issues, policies and procedures involved with the administration of a health care facility. An intensive study is made of facility organization and design, legal liability, personnel management, equipment maintenance and budgeting, record keeping, health care services,

counseling, and public relations. May not receive credit for both ATTR 407 and ATTR 370. **Major prerequisite:** Admission to Athletic Training Program. **Non-major prerequisite:** Permission from the Athletic Training Program director. **Three hours per week with enhancement.**

381. ORTHOPEDIC ASSESSMENT**4 hour credit**

Designed to present the techniques used in evaluating orthopedic injuries. An in-depth analysis of injury mechanics, and the theory and application of orthopedic and neurological evaluations are included. Through lecture and laboratory opportunities, students develop a systematic approach to the evaluation process and develop accurate impressions of orthopedic injuries. **Prerequisites:** Admission to Athletic Training Program. **Three hours lecture, two hours laboratory per week.**

382. FOUNDATIONS OF THERAPEUTIC EXERCISE**4 hours credit**

Designed to provide the student with theories and concepts vital in conditioning, reconditioning and injury rehabilitation. Gain an understanding of trauma and the healing process and how these affect decisions made in the initiation and progression of a rehabilitation program. May not receive credit for both ATTR 410 and ATTR 382. **Prerequisite:** ATTR 381. **Three hours lecture, two hours laboratory per week.**

384. APPLIED THERAPEUTIC EXERCISE**4 hour credit**

Provides a more advanced understanding of therapeutic exercise prescription for patients with orthopedic injuries and dysfunction. Integration of the foundational components of therapeutic exercise is presented to develop comprehensive rehabilitation and reconditioning programs. Individualized and progressive rehabilitation for patients with post-surgical orthopedic-related injuries are addressed. **Prerequisite:** ATTR 382. **Three hours lecture, two hours laboratory per week.**

414. GENERAL MEDICAL CONDITIONS IN ATHLETIC TRAINING**4 hours credit**

A selection of general medical conditions and disabilities commonly managed by the athletic training professional is addressed. A review of pharmacology and the governing regulations relevant to the dispensing and administering of medication is presented. **Prerequisite:** Admission to the Athletic Training Program. **Three hours per week with enhancement.**

420. CLINICAL REHABILITATION AND ADMINISTRATION**4 hours credit**

Designed to integrate the topics of health care administration and therapeutic exercise in a problem-based learning format. Primary focus is the initiation and progression of rehabilitation in a clinical setting. Topics are addressed through a comprehensive approach that includes proficiencies to which the students have been previously exposed. May not receive credit for both ATTR 322 and ATTR 420. **Prerequisites:** ATTR 370, 384. **Two hours lecture, a minimum of 12 hours clinical practice per week.**

479. ATHLETIC TRAINING PRACTICUM**12 hours credit**

Designed as a culminating experience to prepare students as professionals in the field of athletic training. Students select a clinical site, other than Salisbury University, and are exposed to alternate clinical practice and philosophies of athletic training services. Exposure assists students in developing their own ideals in the field of athletic training. **Prerequisite:** Completion of all athletic training major requirements. (P/F)

501. INJURY/ILLNESS PREVENTION**3 hours credit**

Introduces foundational knowledge of injury/illness prevention and emergency management. Emphasis is placed on

preventative measures to minimize the risk of injury/illness. Discusses primary responsibilities of the athletic trainer as a health care provider. The history and governance of the athletic training profession is presented. **Prerequisite:** Admission to Athletic Training Program. Four hours per week.

505. RISK MANAGEMENT STRATEGIES**3 hours credit**

Integrates the topics of nutrition, strength and conditioning, and injury prevention in a problem-based learning format. Students are assessed on these topics during clinical rotation assignments through clinical proficiency assessment. **Prerequisite:** ATTR 501. Twelve hours per week.

510. ACUTE CARE OF INJURY/ILLNESS**3 hours credit**

Addresses the pathology and medical management of specific acute illnesses and traumatic injuries that may be encountered by the athletic trainer. Attention is given to the clinical signs and symptoms of orthopedic-related injuries and clinical manifestations of acute trauma of the body's systems. Pathology of injuries and illness is covered to build a foundation knowledge for further inquiry. **Prerequisite:** ATTR 501. Four hours per week.

513. ADVANCED ATHLETIC TRAINING**3 hours credit**

Develops advanced knowledge of athletic injuries after the student has completed ATTR 213 or an equivalent. **Prerequisites:** ATTR 381, 382. **Corequisite:** ATTR 321. **Three hours per week. (fall semester only)**

514. GENERAL MEDICAL CONDITIONS IN ATHLETIC TRAINING**3 hours credit**

Teaches detailed evaluation skills necessary for assessment and recognition of general medical conditions and pharmacologic applications of the physically active. **Prerequisite:** ATTR 413. **Corequisite:** ATTR 407. **Three hours per week.**

520. ORTHOPEDIC ASSESSMENT AND DIAGNOSIS**3 hours credit**

Introduces clinical assessment techniques for orthopedic injuries. Learn to take a complete patient history, including mechanism of injury and chief complaint, in order to develop a differential diagnosis. Acquire examination techniques, including observation, palpation, range of motion assessment, and manual muscle, neurovascular and laxity testing to objectively rule out possible injuries and arrive at an appropriate working diagnosis. **Prerequisite:** ATTR 501. Four hours per week.

555. PATHOLOGY AND ASSESSMENT**3 hours credit**

Integrates the topics of on-field and clinical assessment in acute care in a problem-based learning format. Students are assessed on these topics during clinical rotation assignments through clinical proficiency assessment. **Prerequisites:** ATTR 510, 520. Twelve hours per week.

560. THERAPEUTIC MODALITIES**3 hours credit**

Introduces the theory and application of therapeutic modalities and physical agents commonly utilized in the athletic training profession. Focus of the materials presented includes the selection, indications, contraindications and appropriate parameter selection. **Prerequisite:** ATTR 505. Four hours per week.

570. THERAPEUTIC EXERCISE**3 hours credit**

Provides the programs, theories and concepts vital in conditioning, reconditioning and injury rehabilitation. Gain an understanding of trauma and the healing process and how

these affect decisions made in the initiation and progression of a rehabilitation program. **Prerequisite:** ATTR 505. Four hours per week.

605. THERAPEUTIC INTERVENTIONS**3 hours credit**

Integrates the topics of therapeutic modalities, rehabilitation and reconditioning in a case-based learning format. Students are assessed on these topics during clinical rotation assignments through clinical proficiency assessment. **Prerequisite:** ATTR 560, 570. Twelve hours per week.

610. RESEARCH METHODS FOR CLINICAL PRACTICE**3 hours credit**

Provides information regarding basic concepts of and methods for conducting quality research. Apply basic statistical procedures using statistical analysis software. Introduces the concept of evidence-based practice to develop critical thinking and clinical decision making skills in future healthcare providers. By utilizing a systematic approach to ask and answer clinically relevant questions, develop strategies for optimizing patient care. **Prerequisite:** ATTR 555. Three hours per week.

620. HEALTH CARE ADMINISTRATION**3 hours credit**

Examines the various issues, policies and procedures involved with the administration of a health care facility. An intensive study is made of facility organization and design, legal liability, personnel management, equipment maintenance, and budgeting, record keeping, health care services, counseling and public relations. **Prerequisite:** ATTR 555. Three hours per week.

655. ADMINISTRATION AND PROFESSIONAL DEVELOPMENT**3 hours credit**

Integrates the topics of psychosocial referrals, pharmacological interventions, organization and administration in a case-based learning format. Students are assessed on these topics during clinical rotation assignments through clinical proficiency assessment. **Prerequisites:** ATTR 610, 620. Twelve hours per week.

660. APPLIED RESEARCH**3 hours credit**

Complete a research project either through an original research design, including a data collection process, or in the form of a meta-analysis utilized to answer a clinically relevant question. Complete the task under the supervision of a faculty member. The completed process will result in a scholarly presentation or publication submission. **Prerequisite:** ATTR 610. Nine hours per week.

BIOLOGY (BIOL)**101. FUNDAMENTALS OF BIOLOGY****4 hours credit**

Introduces students to the principles inherent to life, with a broad overview of the cell, the organism and the community in which living things exist. This Web-enhanced course requires significant online work. Does not satisfy biology major requirements. **One hour lecture, two hours online and two hours laboratory per week. Meets General Education IVA or IVB.**

105. BIOLOGY AND SOCIETY**3 hours credit**

Introduces the non-biology major to the broad principles, fundamental ideas and new discoveries in biology that significantly affect the human being's present and future existence. Relates the study of biology to the pressing social and cultural

issues of today. Does not satisfy requirements within the major. **Prerequisite:** BIOL 101. **Three hours per week. Meets General Education IVB.**

115. SAFETY IN THE BIOLOGICAL, CHEMICAL AND CLINICAL LABORATORY

1 hour credit

Review of laboratory safety. Summary of government laws and regulatory bodies and their effect on lab policy. Illustrations of proper procedures for laboratory hazards. Topics include chemicals, infectious microbes, animals, fire, electrical equipment, radiation, glassware and compressed gases. Training in the use of safety equipment and protective clothing and general first aid. Students may not receive credit for both BIOL 115 and MDTC 101. **One hour per week.**

150. ENVIRONMENTAL SCIENCE: CONCEPTS AND METHODS

4 hours credit

Explores global and regional environmental processes and systems, as well as the impact of humans on these systems. Addresses current environmental issues such as climate change, habitat loss and water pollution, emphasizing the role of science in identifying problems and finding solutions. May not receive credit for both BIOL 150 and GEOG 150. Does not satisfy requirements within the major. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

205. FUNDAMENTALS OF HUMAN ANATOMY AND PHYSIOLOGY

4 hours credit

Intended for health education and physical education majors, emphasizes the musculoskeletal, nervous, cardiovascular and respiratory systems. Does not satisfy requirements within the biology major. **Three hours lecture, three hours laboratory per week. Meets General Education IVA or IVB.**

210. BIOLOGY: CONCEPTS AND METHODS

4 hours credit

Introduction to the study of biology, focusing on how biologists know things and study the world of life, with emphases on cell biology, genetics, ecology and evolution. First course required for biology majors. **Four hours lecture/laboratory, two hours online per week. Meets General Education IVA or IVB.**

211. MICROBIOLOGY

4 hours credit

Fundamental course in the study of microorganisms and their activity, with emphasis on bacteria. **Prerequisite:** BIOL 101 or 210 or 215. **Two hours lecture, four hours laboratory per week. Meets General Education IVB (Prior to 2008: IIIB).**

212. INTRODUCTION TO PLANT BIOLOGY

4 hours credit

Fundamental course exploring the diversity of plant life from an evolutionary perspective, the unique strategies that enable plants to grow, survive and reproduce in different environments, and the interactions between plants and other organisms. Designed for biology majors and other science students. **Prerequisite:** BIOL 210. **Three hours lecture, three hours laboratory per week. Meets General Education IVB (Prior to 2008: IIIB).**

213. ZOOLOGY

4 hours credit

Study of the biodiversity, structure and functions of animals and animal-like protists with emphasis on their evolutionary relationships. Designed for biology majors and minors and other science majors. **Prerequisite:** BIOL 210. **Three hours lecture, three hours laboratory per week. Meets General Education IVA or IVB.**

214. MEDICAL PHYSIOLOGY

4 hours credit

Presentation of human physiology at the cell and organ levels to include the nervous, skeletomuscular, cardiovascular, excretory, digestive, respiratory and endocrine systems. Emphasis on normal function and medical relevance. Students may not earn credit for BIOL 214 and MDTC 201. This course will not count for credit in the biology major. **Prerequisite:** BIOL 101 or 210. **Three hours lecture, two hours laboratory per week.**

215. HUMAN ANATOMY AND PHYSIOLOGY I

4 hours credit

Comprehensive study of the structure and function of the human organism, including the integumentary, skeletal, muscle, nervous and endocrine systems. **Recommended Prerequisite:** BIOL 101 or 213. **Three hours lecture, three hours laboratory per week. Meets General Education IVA or IVB.**

216. HUMAN ANATOMY AND PHYSIOLOGY II

4 hours credit

Comprehensive study of the structure and function of the human organism, including the circulatory, respiratory, digestive, urinary, immune and reproductive systems. **Prerequisite:** BIOL 215. **Three hours lecture, three hours laboratory per week. Meets General Education IVB.**

217. NUTRITION

3 hours credit

Foundation in the science of nutrition, including biological and biochemical backgrounds for the understanding of nutritional requirements. Does not satisfy requirements within the major. **Three hours per week. Meets General Education IVB.**

219. BIOLOGY OF HUMAN AGING

3 hours credit

Study of the effects of aging on the structure and functioning of the human body. Integrates biological aging with other aspects of human existence. Includes discussions of diseases common among the elderly. May not be used to satisfy requirements within the biology major. **Prerequisites:** BIOL 101 or both BIOL 215 and 216. **Three hours per week. Meets General Education IVB.**

220. HUMANS AND THE ENVIRONMENT

4 hours credit

Interdisciplinary course in conjunction with the departments of Chemistry and Geography and Regional Planning, designed for non-science majors to develop awareness of ways earth's environment is influenced by human activities and effects of the environment on human society. May not be repeated for credit in the Chemistry or Geography and Regional Planning departments and may not be used to satisfy course requirements within the major. For students in the Honors Program. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

250. ECONOMIC BOTANY

3 hours credit

Study of the economic importance of plants, emphasizing the origin, domestication and usage of food and medicinal plants. Does not satisfy General Education III requirements. **Prerequisite:** BIOL 101 or 212. **Three hours per week.**

260. BIOLOGICAL DRAWING AND ILLUSTRATION

3 hours credit

Introduction to drawing and illustration techniques used in biology through slide lectures and discussions, class exercises and assigned projects using pencil, charcoal, pen and ink, scratchboard and color. Through these exercises, students will develop their observational skills and closely study biological subjects. Students furnish their own materials. ART 130 or some drawing experience is highly recommended. **Prerequisite:** BIOL 101 or 210. **Four hours per week.**

290. SPECIAL TOPICS IN BIOLOGY

1-4 hours credit

Study of a specific area of biological science. Topic varies semester to semester. May be taken twice for credit under different subtitles. **Prerequisite:** Permission of instructor or four credits of biology. Additional prerequisites may be required depending on the specific topic. **One to six hours per week.**

299. INTERNATIONAL STUDIES IN BIOLOGY

3 hours credit

Learn about and be introduced to a biological discipline in a foreign country. No previous biology coursework required. Includes a minimum of 10 hours of lecture in the field and a minimum of 40 hours of hands-on lab work and/or field exercises abroad in addition to 15 hours of pre-/post-trip lecture. Repeatable for up to six credits under different subtitles. **Prerequisite:** Consent of instructor. **Meets General Education IVA or IVB.**

301. HISTORY AND LITERATURE OF BIOLOGY

2 hours credit

Introduction to the history and literature of biology. Special emphasis on the development of contemporary concepts and techniques of information retrieval. **Prerequisite:** BIOL 101 or 210. **Two hours per week.**

302. BIOINFORMATICS

4 hours credit

Computer-based course introduces biological databases. Emphasis placed on quantitative approaches to modeling and analyzing biological data. **Prerequisite:** BIOL 210. **Prerequisite/Corequisite:** MATH 198 or MATH 201. **Three hours lecture, three hours laboratory per week.**

310. ECOLOGY

4 hours credit

Introduction to the interactions between organisms and their environment. Biotic and abiotic factors affecting individuals, populations, communities and ecosystems emphasized. May not be taken for credit if student has credit for BIOL 225. **Prerequisites:** BIOL 210 and BIOL 211 or 212 or 213 or 121 and 122. **Three hours lecture, three hours laboratory per week.**

312. PLANT TAXONOMY

3 hours credit

Classification of plants, with emphasis on the local flora. **Prerequisite:** BIOL 212. **Two hours lecture, three hours laboratory per week.**

313. COMPARATIVE ANATOMY

4 hours credit

Study of vertebrate body structures, emphasizing the progressive and adaptive changes that occurred in evolution. **Prerequisite:** BIOL 213. **Three hours lecture, three hours laboratory per week.**

320. BIOLOGY OF THE VERTEBRATES

4 hours credit

Study of vertebrate animal life, including evolution of the major vertebrate groups, zoogeography, behavior, reproduction, thermoregulation, migration, population dynamics, ecology and conservation. Field trips emphasize wildlife biology, and identification and natural history of local species. **Prerequisite:** BIOL 213. **Three hours lecture, three hours laboratory per week.**

321. INVERTEBRATE ZOOLOGY

4 hours credit

Study of animals without backbones emphasizing functional morphology and physiological adaptations. Laboratory sessions focus on investigation of living and preserved specimens. **Prerequisite:** BIOL 213. **Three hours lecture, three hours laboratory per week.**

322. PARASITOLOGY

3 hours credit

Study of the important parasites of humans and domestic animals. **Prerequisite:** BIOL 213. **Two hours lecture, three hours laboratory per week.**

323. MEDICAL MICROBIOLOGY

4 hours credit

Study of the medically important microorganisms, including methodology and techniques of identification. **Prerequisite:** BIOL 211. **Two hours lecture, four hours laboratory per week.**

324. PLANT MORPHOLOGY

3 hours credit

Study of extinct and extant vascular plants, emphasizing evolutionary relationships, reproduction and vegetative organization. **Prerequisite:** BIOL 212. **Two hours lecture, three hours laboratory per week. Meets General Education IVB.**

325. PLANT ANATOMY

4 hours credit

Study of gross and microscopic plant structure, with special emphasis on higher plants. **Prerequisite:** BIOL 212. **Three hours lecture, three hours laboratory per week. Meets General Education IVB.**

333. IMMUNOLOGY

4 hours credit

Basic course dealing with the cellular and chemical aspects of immunity. Antigen-antibody reaction surveyed and its clinical laboratory implications thoroughly discussed. **Prerequisite:** BIOL 211. **Two hours lecture, four hours laboratory per week.**

334. PATHOPHYSIOLOGY

4 hours credit

Study of the causes, bodily changes, signs and symptoms, and mechanisms involved in common and serious human diseases. **Prerequisites:** BIOL 215, 216. **Three hours lecture, two hours laboratory per week.**

350. CELL BIOLOGY

4 hours credit

Focuses on the structure and function of eukaryotic cells. topics covered include enzyme kinetics, membrane transport, cell signaling, intercellular protein trafficking, cellular respiration, mitosis and meiosis, the cell cycle, and cancer. **Prerequisites:** BIOL 210 and CHEM 221 or 12 credits of biology. **Three hours lecture, three hours laboratory per week.**

360. GENETIC ANALYSIS

4 hours credit

Introduction to genetic analysis including Mendelian principles, population and quantitative genetics, cytogenetics and contributions to molecular biology. Satisfies Biology Department core requirements for genetics. **Recommended Prerequisite:** MATH 155. **Prerequisite:** BIOL 210. **Three hours lecture, three hours laboratory per week.**

370. MOLECULAR GENETICS

4 hours credit

Study of mechanisms of heredity emphasizing organization of the genome, mutation and regulation of gene expression. **Prerequisite:** BIOL 350. **Three hours lecture, three hours laboratory per week.**

375. INTRODUCTION TO EVOLUTION

3 hours credit

As the unifying principle of biology, evolution integrates levels of biological organization, with a focus on biological changes over time and the evidence of the shared evolutionary history of all living things. Topics include speciation; extinction; population processes of selection and adaptation, genomics, and

the molecular basis of evolution; sexual selection; life history evolution; and the application of evolution to medicine. **Prerequisites:** BIOL 210 and one of the following: BIOL 211, 212 or 213. **Three hours per week.**

398. INTERNATIONAL TOPICS IN ECOLOGY 4 hours credit

Study of the interactions between organisms and their environment with a focus on a particular international ecosystem or other ecological specialization (for example, rainforest ecology or wildlife ecology) at an affiliated institution (for example, School for Field Studies). **Prerequisite:** Admission to relevant program. **Four hours lecture per week.**

399. INTERNATIONAL FIELD STUDIES 3 hours credit

Experience a specific aspect of a biological discipline in a foreign country. Pre-tour lectures, post-tour discussion and other activities required. May not receive credit for both BIOL 399 and BIOL 570 with the same subtitle. **Prerequisite:** Permission of instructor. **Fifteen hours pre-trip experience, at least 50 hours field activities over a minimum of 10 days, two-hour post-trip discussion session.**

401. WETLAND ECOLOGY 4 hours credit

Study of relationships between environmental features and the structure and function of wetland types. Emphasizes hydrology, chemistry and plant species distribution and examines effects of disturbance on wetland ecosystems. **Prerequisites:** BIOL 212 and 310. **Three hours lecture, three hours laboratory per week.**

405. ORNITHOLOGY 4 hours credit

Study of birds. Topics include form and function, systematics, speciation, behavior and communication, reproduction, migration, ecological topics including demography, population dynamics, community structure and conservation. Field trips emphasize identification and natural history of local species. **Prerequisite:** BIOL 213. **Three hours lecture, three hours laboratory per week.**

407. THE BIOLOGY OF FISHES 3 hours credit

Study of evolution, anatomy, physiology, classification, ecology and behavior of the fishes. Addresses current research and future directions in ichthyology. **Prerequisite:** BIOL 213. **Three hours per week.**

408. NEUROBIOLOGY 4 hours credit

Explores the physiological and anatomical underpinnings of the vertebrate nervous system. **Prerequisite:** BIOL 215 or BIOL 350 or CHEM 417 or PSYC 301. **Three hours lecture, three hours laboratory per week.**

410. ESTUARINE BIOLOGY 3 hours credit

Introduction to the physical, chemical and geological characteristics of estuaries with emphasis on East Coast estuaries such as the Chesapeake Bay. Detailed discussion of the biological and chemical processes important in estuarine ecosystems with a major emphasis on current literature and research in estuarine biology. **Prerequisite:** BIOL 310. **Three hours per week.**

411. VERTEBRATE EMBRYOLOGY 4 hours credit

Comparative study of vertebrate embryology including evolutionary relationships and topics in molecular and developmental biology. **Prerequisites:** BIOL 213, 350. **Two hours lecture, four hours laboratory per week.**

412. ALGAE, FUNGI AND BRYOPHYTES 4 hours credit

Study of the phylogenetic and ontogenetic development and ecological importance of non-vascular plants. **Prerequisite:** BIOL 212. **Three hours lecture, three hours laboratory per week.**

413. ENTOMOLOGY 4 hours credit

Study of the natural history, identification and life cycles of insects. Special reference to those species of medical and economic importance to people. **Prerequisite:** BIOL 213. **Three hours lecture, three hours laboratory per week.**

415, 416. RESEARCH IN BIOLOGY 3 hours credit each

Independent student research under the supervision of a faculty member. BIOL 416 may not be used to satisfy requirements within the major. May receive credit within the major for BIOL 415 or 417, but not both. **Prerequisite:** Permission of instructor. **Schedule to be arranged individually.**

417. INTERNATIONAL RESEARCH IN BIOLOGY 4 hours credit

Independent student research under the supervision of a faculty member at an affiliated institution (for example, School for Field Studies). May receive credit within the major for BIOL 415 or 417, but not both. **Prerequisite:** Admission to relevant program. **One hour lecture, nine hours laboratory per week.**

418, 419. BIOLOGY SEMINAR 1 hour credit each

Discussions of timely topics in biology and related fields. Includes instruction in seminar preparation and requires student presentations and participation. BIOL 419 may not be used to satisfy course requirements within the major. **Prerequisite:** Junior standing or permission of instructor. **One hour per week.**

420. READINGS IN BIOLOGY 1-3 hours credit

Readings designed to permit in-depth study of selected topics. Students submit written reports of their findings at the end of the semester. Specific topics are indicated on students' transcripts. **Prerequisites:** Sixteen credits in biology, permission of instructor.

421. MAMMALOLOGY 4 hours credit

Study of living and extinct mammals, emphasizing their origin, evolution, systematics, behavior, ecology and morphological adaptations. Labs focus on the structure and identification of modern mammals, with periodic field trips exploring the natural history of local species. **Prerequisite:** BIOL 213. **Three hours lecture, three hours laboratory per week.**

422. VERTEBRATE PHYSIOLOGY 4 hours credit

Study of the physiological processes of vertebrate animals including specific adaptations of certain species to their environment. **Prerequisites:** BIOL 213, 350, CHEM 121. **Three hours lecture, three hours laboratory per week.**

425. TOXICOLOGY 3 hours credit

Introduction to basic principles, history and scope of modern environmental toxicology, and to the effects and to the mechanisms of toxicants. Includes applications to risk assessment, regulations and industry. Cross-listed with ENVH 425. May not be taken for credit if student has credit for ENVH 425. **Prerequisites:** Permission of instructor or junior standing, eight credits of biology, eight credits of chemistry. **Three hours per week.**

430. PLANT PHYSIOLOGY 4 hours credit

Advanced study of the physiological mechanisms utilized by plants with special reference to the higher phyla. **Prerequisites:** BIOL 212, CHEM 221. **Three hours lecture, three hours laboratory per week.**

433. ENVIRONMENTAL MICROBIOLOGY 4 hours credit

Study of the diversity and interactions of microorganisms in their natural environments. Emphasis on habitat and metabolic diversity, community interactions and industrial applications involving microbes. **Prerequisites:** BIOL 211, BIOL 350 is recommended but not required. **Three hours lecture, three hours laboratory per week.**

435. EVOLUTIONARY BIOLOGY 3 hours credit

Advanced study of the principles, mechanisms and processes of biological evolution. **Prerequisite:** BIOL 350. **Three hours per week.**

440. CONTEMPORARY GENETICS 4 hours credit

Lecture/laboratory-based exploration of biochemical techniques commonly used in industrial and academic laboratories. **Prerequisites:** BIOL 350 and 370, and CHEM 221; or pre/corequisite CHEM 418. **Six hours per week.**

445. VIROLOGY 3 hours credit

Study of structure, replication and pathogenesis of viruses with emphasis on animal viruses and the role of viruses in our current understanding of cell and molecular biology. **Prerequisite:** BIOL 350. **Three hours per week.**

450. INTERNSHIP 1-3 hours credit

Experiences in biology-related work provide students with an opportunity to use acquired biological knowledge in a professional way and to investigate potential career options. Under special circumstances this course may be taken a second time for credit, but only with permission of the internship coordinator. Does not satisfy requirements within the major. **Prerequisites:** Junior standing, biology major and approval of Internship Coordinator. **Forty-five student contact hours per credit hour. (P/F)**

460. BIOLOGY OF CELL MEMBRANES 3 hours credit

Advanced course exploring the biology of bacterial, plant and animal cell membranes with an emphasis on how these important organelles allow cells and organisms to adapt to severe, inhospitable or constantly changing physical environments. **Prerequisite:** BIOL 350. **Three hours per week. Meets General Education IVB.**

465. ADVANCED CELL BIOLOGY 3 hours credit

Advanced course exploring the biology, physiology and biochemistry of plant and animal cells. Topics include detailed examinations of organelle function, cell movement, protein turnover, cell adhesion, apoptosis, cell cycle regulation, and the cellular and molecular basis of cancer. Lectures are drawn principally from the latest primary and secondary literature. **Prerequisite:** BIOL 350. CHEM 417 is recommended but not required. **Three hours per week.**

470. BIOTECHNOLOGY 3 hours credit

Study of applied aspects of biology with an emphasis on DNA technology. Recommended as a capstone course for biology majors in the cell and molecular biology/biotechnology track. **Prerequisite:** BIOL 370. **Three hours per week.**

490. SPECIAL TOPICS IN BIOLOGY 1-4 hours credit

Study of a specific area of biological science. Topic varies semester to semester. May be taken twice for credit under different subtitles. **Prerequisites:** Permission of instructor or 16 credits of biology, junior standing.

495. VASCULAR BIOLOGY 4 hours credit

Familiarizes students with a broad spectrum of vascular biology topics. Discuss recent publications employing cutting-edge techniques used to study the vascular system. Gain hands-on exposure to "classical" approaches used in vascular biology research labs. Lecture and lab highlight the application of vascular biology research to present-day clinical approaches used in the treatment of human diseases. **Prerequisite:** BIOL 350. **Three hours lecture, three hours laboratory per week.**

499. HONORS 3 hours credit

Independent study in an area of biology leading to an honors thesis. **Prerequisite:** Approval of department chair.

500. WETLAND ECOLOGY 4 hours credit

Study of relationships between environmental features and the structure and function of wetland types. Emphasizes hydrology, chemistry and plant species distribution and examines effects of disturbance on wetland ecosystems. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours lecture, three hours laboratory per week.**

501. MODERN CONCEPTS IN BIOLOGY 3 hours credit

Study of the most recent developments in biology, with special emphasis on genetics, animal behavior and sociobiology. May be taken twice, under different course subtitles. **Prerequisite:** Degree in biology or permission of instructor. **Three hours per week.**

502. BIOLOGY AND ENVIRONMENT 3 hours credit

Study of organisms as integral parts of their environments, including field studies involving applications of environmental principles. **Prerequisite:** Degree in biology or permission of instructor. **Two hours lecture, two hours laboratory per week.**

503. CONTEMPORARY CELL BIOLOGY 3 hours credit

Intensive study of the latest findings in cell biology, with application to the pressing problems of today. **Prerequisite:** Degree in biology or permission of instructor. **Three hours per week.**

504. PERSPECTIVES IN MODERN GENETICS 3 hours credit

Intensive study of modern genetics for the advanced student. Findings in molecular, cellular and developmental genetics related to classical genetic theory and current problems. **Prerequisite:** Degree in biology or nursing; or permission of instructor. **Three hours per week.**

505. ORNITHOLOGY 4 hours credit

Study of birds. Topics include form and function, behavior and communication, reproduction, migration, population dynamics, ecology and conservation. Field trips emphasize identification and natural history of local species. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours lecture, three hours laboratory per week.**

507. THE BIOLOGY OF FISHES**3 hours credit**

Study of evolution, anatomy, physiology, classification, ecology and behavior of the fishes. Addresses current research and future directions in ichthyology. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours per week.**

510. ESTUARINE BIOLOGY**3 hours credit**

Study of estuarine biology with a focus on the Chesapeake Bay. Detailed discussion of the biota of the bay, its unique biology and current perturbations due to environmental pollution. Introduction to physical and chemical processes of estuaries. **Prerequisites:** Graduate standing and permission of the instructor. **Two hours lecture, two hours laboratory per week.**

512. ENTOMOLOGY**4 hours credit**

Study of the natural history, identification and the life cycles of insects. Special reference to those species of medical and economic importance to people. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours lecture, three hours laboratory per week.**

515. RESEARCH IN BIOLOGY**1-6 hours credit**

Independent student research under the supervision of a faculty member. Students may register for BIOL 515 more than once. **Prerequisites:** Graduate standing and permission of instructor. **Schedule to be arranged individually.**

518, 519. BIOLOGY SEMINAR**1 hour credit each**

Discussions of timely topics in biology and related fields. Includes instruction in seminar preparation and requires student presentations and participation. BIOL 419 may not be used to satisfy course requirements within the major. **Prerequisite:** Graduate standing or permission of instructor. **One hour per week.**

521. MAMMALOGY**4 hours credit**

Study of living and extinct mammals, emphasizing their origin, evolution, systematics, behavior, ecology and morphological adaptations. Labs focus on the structure and identification of modern mammals with periodical field trips exploring the natural history of local species. **Prerequisites:** Graduate standing and permission of instructor. **Three hours lecture, three hours laboratory per week.**

522. VERTEBRATE PHYSIOLOGY**4 hours credit**

Study of the physiological processes of vertebrate animals including specific adaptations of certain species to their environment. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours lecture, three hours laboratory per week.**

525. TOXICOLOGY**3 hours credit**

Introduction to basic principles, history and scope of modern environmental toxicology, and to the effects and to the mechanisms of toxicants. Includes applications to risk assessment, regulations and industry. Cross-listed with ENVH 425. May not be taken for credit if student has credit for ENVH 425. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours per week.**

530. PLANT PHYSIOLOGY**4 hours credit**

Advanced study of the physiological mechanisms utilized by plants with special reference to the higher phyla.

Prerequisites: Graduate standing and permission of the instructor. **Three hours lecture, three hours laboratory per week.**

533. ENVIRONMENTAL MICROBIOLOGY**4 hours credit**

Study of the diversity and interactions of microorganisms in their natural environments. Emphasis on habitat and metabolic diversity, community interactions and industrial applications involving microbes. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours lecture, three hours laboratory per week.**

535. EVOLUTIONARY BIOLOGY**3 hours credit**

Advanced study of the principles, mechanisms and processes of biological evolution. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours per week.**

540. CONTEMPORARY GENETICS**4 hours credit**

Blended lecture and laboratory-based exploration of biochemical techniques commonly used in industrial and academic laboratories. Demonstrates the relationship between structure and function of biomolecules. Cross-listed with CHEM 419. May not receive credit for both BIOL 540 and CHEM 419. **Prerequisites:** Graduate standing and permission of the instructor. **Six hours per week.**

545. VIROLOGY**3 hours credit**

Study of structure, replication and pathogenesis of viruses with emphasis on animal viruses and the role of viruses in our current understanding of cell and molecular biology. **Prerequisites:** Graduate standing and permission of the instructor. **Three hours per week.**

550. INTERNSHIP IN BIOLOGY**1-3 hours credit**

Experiences in biology-related work provide an opportunity to use acquired biological knowledge in a professional setting and to investigate potential career options. May also provide further research skills for career advancement. **Prerequisites:** Approval of the graduate internship coordinator and on-site supervisor. **Forty-five contact hours (on-site work) per credit hour.**

**552. ADVANCED HUMAN PHYSIOLOGY/
PATHOPHYSIOLOGY****3 hours credit**

Advanced study of system-focused physiology and pathophysiology. Analyzes the relationship between normal physiology and pathological phenomena produced by altered health states across the life span. Emphasis is on application in the clinical areas of practice. Students may not receive credit for both BIOL 552 and NURS 552. **Prerequisite:** B.S. in biology, health-related field or education with biology emphasis. **Three hours per week.**

560. BIOLOGY OF CELL MEMBRANES**3 hours credit**

Advanced course exploring the biology of bacterial, plant and animal cell membranes with an emphasis on how these important organelles allow cells and organisms to adapt to severe, inhospitable or constantly changing physical environments. **Prerequisites:** Graduate standing and permission of instructor. **Three hours per week.**

565. ADVANCED CELL BIOLOGY**3 hours credit**

Advanced course exploring the biology, physiology and biochemistry of plant and animal cells. Topics include detailed examinations of organelle function, cell movement, protein turnover, cell adhesion, apoptosis, cell cycle regulation, and the cellular and molecular basis of cancer. Lectures are

drawn principally from the latest primary and secondary literature. **Prerequisite:** Graduate standing or permission of instructor. **Three hours per week.**

570. INTERNATIONAL FIELD STUDIES**3 hours credit**

Experience a specific aspect of a biological discipline in a foreign country. May include pre-tour lectures, post-tour discussion and other activities. May be taken twice under different subtitles. May not receive credit for both BIOL 399 and BIOL 570 with the same subtitle, nor for BIOL 570 twice with the same subtitle. **Prerequisite:** Permission of instructor. **Forty hours per week.**

575. MODERN MOLECULAR BIOLOGY**3 hours credit**

Intensive study of the mechanisms of molecular biology within cells, the methods used to analyze these interactions, and their applications in basic research and biomedical treatments. **Prerequisites:** C or better in BIOL 350 and CHEM 221 or permission of instructor. **Three hours per week.**

590. SPECIAL TOPICS IN BIOLOGY**1-4 hours credit**

Study of a specific area of biological science. Topic varies semester to semester. May be taken twice for credit under different subtitles. **Prerequisites:** Graduate standing and permission of the instructor.

601. THESIS PREPARATION**3 hours credit**

Prerequisites: Graduate standing and permission of instructor.

BUSINESS ADMINISTRATION (BUAD)**101. INTRODUCTION TO THE WORLD OF BUSINESS****3 hours credit**

Designed as an interactive, team-taught learning experience that illustrates how the various fields of business coexist in the world. Provides students an introduction to the Perdue School, as well as the necessary tools to develop meaningful and measurable learning objectives to be used throughout their academic career. Topics include personal growth and development essential to business as well as the various subfields of business, such as: accounting, finance, information science, management, marketing and operations. Credit may not be received for both BUAD 101 and 103. **Prerequisite:** Freshman (students with fewer than 25 hours of credit) who have declared accounting, finance, information systems, management, marketing and business administration as their major. **Three hours per week.**

103. INTRODUCTION TO BUSINESS**3 hours credit**

Introduction to the internal and external environment of contemporary business. Topics include the nature of business and its operations and a survey of basic concepts, principles and practices. Provides a foundation for advanced study and assistance in making career decisions. Not open to students who are concurrently enrolled in, or have received academic credit for, any 300- or 400-level BUAD/ACCT/FINA/INFO/MGMT/MKTG courses. **Three hours per week.**

**300. PERSONAL AND PROFESSIONAL DEVELOPMENT
FOR BUSINESS****1 hour credit**

Introduces the skills, abilities and knowledge related to functioning in a professional business environment. Focus on developing those skills considered important by employers as well as familiarizing students with the ABLE graduation requirement. Sessions vary in duration, depending on the activities involved, which are subject to change. Writing assignments and mandatory attendance at events. **Prerequisites:** Business major and admitted to the

Professional Program. **Corequisite:** MGMT 320 (if MGMT 320 is taken in summer or winter, student participates in BUAD 300 the following semester). **Hours per week vary. (P/F)**

338. SPECIAL BUSINESS TOPICS**3 hours credit**

Advanced study of varying business topics based on students' interests and needs. May be repeated once for credit under different subtitle. May substitute for a concentration elective depending on the topic (see director of undergraduate studies). **Major Prerequisites:** Varies by topic and admission to Professional Program. **Non-Major Prerequisites:** Varies by topic and junior standing. **Three hours per week.**

345. PURCHASING AND MATERIALS MANAGEMENT**3 hours credit**

Examination of the procurement and materials management function of government and industry including planning, acquisition, storage, physical movement and control of materials. **Major Prerequisites:** MGMT 320 and MKTG 330, and admission to Professional Program. **Non-Major Prerequisites:** MGMT 320 and MKTG 330, and junior standing. **Three hours per week.**

360. GOVERNMENT REGULATION OF BUSINESS**3 hours credit**

Business function under the regulatory bodies of all levels of government. Federal, state and local government requirements for business operations are covered as well as their effect on the economic operation of the enterprise. **Major Prerequisites:** ECON 211, 212 and admission to Professional Program. **Non-Major Prerequisites:** ECON 211, 212 and junior standing. **Three hours per week.**

386. BUSINESS IN ITS GLOBAL SETTING**3 hours credit**

Study of the international aspects of business management and its cultural, economic and political environment in its actual setting. Topics include the economics of international trade, sociocultural environment, political risk and other major aspects of international business operations (e.g. finance, management, marketing, etc.). Part or all of the course will be held in another country. May be taken twice under different subtitles. Admission to a relevant Perdue School study abroad program is required in preparation for this course. **Prerequisites:** Junior standing, permission of instructor and admission to Professional Program. **Three hours per week.**

396. BUSINESS STUDIES ABROAD**3 hours credit**

Examines issues in business administration in an international setting. Specific topics selected from the fields of accounting, economics, finance, information systems, management or marketing, depending on the instructor's area of expertise. Part or all of the course will be held outside the United States. Admission to a relevant Perdue School study abroad program is required in preparation for this course. **Prerequisite:** Admission to the relevant Perdue School study abroad program. **Three hours per week.**

410. HEALTH CARE MANAGEMENT AND MARKETING**3 hours credit**

Provides a solid overview of the U.S. health care system from economic, financial, management and marketing perspectives. Gain a basic understanding of the business model of health care and its effect on the economy and effective strategic planning of health care services. **Prerequisite:** MGMT 320, MKTG 330. **Three hours per week.**

490. BUSINESS INTERNSHIP**3 hours credit**

Intern experience in business or government. May be used as a business concentration/track elective if approved by the school dean. **Prerequisites:** Junior status; management, marketing or international business major; placement

approval and permission of the department chair; completion of ABLE administrative requirements; admission to Professional Program; successful completion of BUAD 300.

491. ADVANCED BUSINESS INTERNSHIP 1-3 hours credit

Research associated with an internship experience in business or government. **Prerequisites:** BUAD 490 or completion of ABLE requirement, placement approval and permission of the department chair, completion of ABLE administrative requirements. **One to three hours per week.**

530. GRADUATE SURVEY OF QUANTITATIVE ANALYSIS 3 hours credit

Introduction to the decision-making tools and techniques for making operational, administrative and upper management-level decisions. Mathematical and statistical models applied to managerial decision-making situations. **Prerequisites:** Provisional status in M.B.A. program and MATH 160 and INFO 111 or equivalent. **Three hours per week.**

615. RESEARCH METHODOLOGY 3 hours credit

Designed to develop techniques and methods for research. Includes identifying and defining managerial problems, reviewing the literature and stating problems in terms of testable hypotheses and methods of testing hypotheses. Major research paper required. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

685. INTERNATIONAL BUSINESS SEMINAR 3 hours credit

Study of international aspects of business management and the environment of international business. Topics selected from international finance, the economics of international finance, the economics of international trade, environmental factors (e.g., cultural, legal, political) and the major aspects of business operations in the global environment (including accounting, human resource management, marketing, production and strategic management). **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

686. GLOBAL BUSINESS 3 hours credit

Study of the global aspects of business within its environment. Topics selected from international finance, the economics of international trade, environmental factors (e.g., cultural, legal, political) and the major aspects of business operations within its global environment (including accounting, human resource management, marketing, production and strategic management). Part or all of the course will be held in another country. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

695. PROJECT CONSULTING 3 hours credit

Apply the principles and techniques learned in the M.B.A. curriculum to real business problems faced by organizations. Teams work with either client organizations or business cases on a business challenge or opportunity. Apply learned technical and functional expertise to solving real-world problems while developing critical competencies in leadership skills such as team dynamics – either virtual or physical – problem solving and critical thinking. **Prerequisites:** Admission to the M.B.A. program. Course must be completed in the final two mini-semesters of the student's M.B.A. degree program requirements. **One hour per week.**

696. GRADUATE BUSINESS STUDY ABROAD 3 hours credit

Examines advanced business topics in an international setting. Specific topics selected from fields of accounting, economics, finance, information systems, management or marketing, depending on the instructor's area of expertise. Part or all of the course will be held outside the United States. May

be taken twice under different subtitles. **Prerequisite:** Admission to M.B.A. program and to a Perdue School study abroad program. **Three hours per week.**

698. DIRECTED INDEPENDENT STUDY 1-3 hours credit

Individual tutorial course including research topics not covered in other courses. May be taken twice under different subtitles. **Prerequisites:** Admission to M.B.A. program and written permission from both the instructor and the M.B.A. program director.

699. SPECIAL TOPICS IN BUSINESS

1-3 hours credit

Study of specific problems and issues in business administration. May be taken twice under different subtitles. **Prerequisite:** Admission to M.B.A. program. **One to three hours per week.**

CHEMISTRY (CHEM)

100. INTRODUCTION TO CHEMISTRY 3 hours credit

Study of the fundamentals of chemistry with emphasis on the development of reasoning and quantitative skills necessary for problem solving. Students with little or no previous algebra/chemistry may wish to take this course prior to CHEM 121. Does not satisfy chemistry major requirements. **Three hours per week.**

101. PHYSICAL SCIENCE 4 hours credit

Introduces students to the fundamental concepts of the physical sciences. The course will emphasize practical applications, especially those which integrate all of the natural sciences. Credit may not be received for both CHEM 101 and PHYS 101. **Prerequisite:** This course assumes an understanding of college algebra. MATH 130 is recommended for elementary education majors. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

107. CHEMISTRY: A HUMANISTIC PERSPECTIVE 4 hours credit

Study of the development of chemistry and the impact of chemistry on our world. Chemical principles and concepts are used to understand applications of chemistry to our everyday lives. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

109. ENERGY AND THE ENVIRONMENT 4 hours credit

Study of the interaction of physical science and the environment, providing students not majoring in science an understanding of the scientific principles in our technological society. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

111. BIG IDEAS IN CHEMISTRY 3 hours credit

Non-laboratory course focusing on key developments in chemistry. While learning basic chemical principles, students analyze the historical context of these developments, what motivated the scientists to pursue their discoveries and the influence of each scientist's personal history. In addition, the cultural, scientific and environmental effect of these developments are examined. **Three hours lecture per week. Meets General Education IVB.**

121. GENERAL CHEMISTRY I 4 hours credit

Study of fundamental laws of chemistry and atomic structure emphasizing quantitative relationships. **Prerequisite:** This

course assumes an understanding of high school chemistry and algebra. **Three hours lecture, three hours laboratory per week. Meets General Education IVA or IVB.**

122. GENERAL CHEMISTRY II 4 hours credit

Continuation of CHEM 121, including chemical equilibrium, electrochemistry and organic chemistry. **Prerequisite:** CHEM 121. **Three hours lecture, three hours laboratory per week. Meets General Education IVA or IVB.**

205. DIRECTED STUDIES IN CHEMISTRY

1-3 hours credit

Directed studies in chemistry on an approved subject under faculty supervision. Designed to incorporate significant and contemporary studies in chemistry that are not original laboratory-based research. Projects may include, but are not limited to, the study of teaching strategies, formal scientific writing and chemistry outreach programs to the community. Written report required. May be taken twice for a maximum of six credits. May not be used to satisfy requirements for chemistry major or minor. **Prerequisite:** CHEM 122 and permission of the department chair. **Three hours per week per credit.**

207. LABORATORY SAFETY

1 hour credit

Development of skills and attitudes for working with chemicals in a confident and responsible way. Emphasis on safety precautions and emergency procedures in case of a chemical accident. **Prerequisite:** CHEM 122. **One hour per week.**

210. INTRODUCTION TO CHEMICAL RESEARCH

1-3 hours credit

Introduction to individual directed study on an approved subject under faculty supervision. Written report required. May be taken twice for credit. May not be used to satisfy requirements for chemistry major or minor. **Prerequisite:** Permission of the department chair. **Two hours laboratory per week per credit hour.**

212. CHEMISTRY OF THE ELEMENTS

2 hours credit

Introduction to the properties and reactivities of the elements and their compounds. Emphasis on interpreting trends of the periodic table to predict physicochemical behavior. **Prerequisite:** CHEM 122. **Two hours per week.**

220. HUMANS AND THE ENVIRONMENT

4 hours credit

Interdisciplinary laboratory course in conjunction with the departments of Biology and Geography and Regional Planning, designed for non-science majors to develop awareness of ways earth's environment is influenced by human activities and effects of the environment on human society. May not be repeated for credit in the Biology or Geography and Regional Planning departments within the major. For students in the Honors Program. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

221. ORGANIC CHEMISTRY I

4 hours credit

An introduction to the structure, properties and reactivity of carbon compounds. Analysis of molecular structure, including bonding, conformation and isomerism, is applied to the mechanisms of organic chemical reactions. Emphasis is placed on problem solving and effective communication of chemical ideas. **Prerequisite:** C or better in CHEM 122. **Three hours lecture, three hours laboratory per week. Meets General Education IVB.**

222. ORGANIC CHEMISTRY II

4 hours credit

A continued introduction to the structure, properties and reac-

tivity of carbon compounds. A range of chemical reactions are applied to the development of synthetic methods for organic molecule construction, including functional group interconversion and carbon-carbon bond formation. Spectroscopic techniques for molecule identification also are discussed. Emphasis is placed on problem solving, effective communication and integration of chemical concepts. **Prerequisite:** C or better in CHEM 221. **Three hours lecture, three hours laboratory per week.**

306. FUNDAMENTALS OF INORGANIC CHEMISTRY 4 hours credit

Study of the fundamental concepts of inorganic chemistry. Primary focus on main group descriptive inorganic chemistry, structure and bonding theory for both main group and transition metal compounds and organometallic chemistry. May not receive credit for both CHEM 306 and CHEM 212/406. **Prerequisite:** CHEM 222 and PHYS 123 or 223. **Three hours per week with Web enhancement.**

310. INTERMEDIATE CHEMISTRY RESEARCH

1-3 hours credit

Intermediate level individual chemical research on an approved subject under supervision of a member of the faculty. Written report and seminar presentation required. May be taken twice for credit. **Prerequisites/ Corequisites:** CHEM 221 and permission of department chair. **Two hours laboratory per week per credit.**

321. ANALYTICAL CHEMISTRY

4 hours credit

Study of the theory and applications of classical and modern analytical techniques. Includes volumetric, potentiometric, spectrophotometric and chromatographic methods. **Prerequisite:** CHEM 122. **Three hours lecture, three hours laboratory per week. Meets General Education IVB.**

333. INSTRUMENTAL ANALYSIS

3 hours credit

Study of the theoretical and practical aspects of modern instrumental analysis. Topics include information processing, spectroscopic, chromatographic and electrochemical methods. **Prerequisite:** CHEM 321. **Three hours per week.**

341. PHYSICAL CHEMISTRY I

4 hours credit

Comprehensive study of the fundamental concepts of physical chemistry. **Prerequisites:** CHEM 122, PHYS 121 or 221. **Prerequisite/Corequisite:** MATH 202. **Four hours per week.**

342. PHYSICAL CHEMISTRY II

4 hours credit

Comprehensive study of the fundamental concepts of physical chemistry. **Prerequisites:** CHEM 122, MATH 202. **Prerequisite/Corequisite:** PHYS 123 or 223. **Four hours per week.**

381. ENVIRONMENTAL CHEMISTRY

3 hours credit

Introductory survey of contemporary issues and problems in the chemistry of the environment. Chemistry of the atmosphere, natural and treated waters, and wetlands examined and discussed. Numerical application problems solved in group settings. **Prerequisite:** CHEM 222. **Three hours per week.**

403. PRINCIPLES OF CHEMICAL RESEARCH

3 hours credit

Individual undergraduate research on approved subject under supervision of a member of the faculty. Introduction to the chemical literature, writing styles and presentation styles used in chemistry. **Prerequisite:** Twenty-four hours of chemistry and permission of department chair. **Nine hours per week.**

406. INORGANIC CHEMISTRY**3 hours credit**

Study of the theoretical concepts of inorganic chemistry with focus on the relationship between structure, bonding and reactivity. Emphasis on the chemistry of transition metals. **Prerequisite/Corequisite:** CHEM 342. **Three hours per week.**

408. POLYMER CHEMISTRY**3 hours credit**

Study of the fundamental concepts of polymer chemistry with emphasis on structure, stereochemistry, synthesis and properties. **Prerequisites:** CHEM 222, 342. **Three hours per week.**

409. ELECTROCHEMISTRY**3 hours credit**

Study of the theory and applications of modern electrochemistry. Topics include a review of electrochemical cells, ion-selective electrodes, electrophoresis, polarography, cyclic voltammetry, corrosion processes and impedance measurements. **Prerequisite:** CHEM 333. **Three hours per week.**

410. CHEMICAL RESEARCH**3 hours credit**

Individual undergraduate research on approved subject under supervision of a member of the staff. Written report, seminar presentation required. May be taken twice for credit. **Prerequisites:** CHEM 403 and permission of department chair. **Six hours laboratory per week, conference with the instructor.**

412. ORGANIC CHEMISTRY III**3 hours credit**

Continued study of carbon compounds including aryl halides, heterocyclic, polynuclear aromatic, unsaturated carbonyl and the organic compounds of sulfur and phosphorus. Emphasis on reaction mechanism and the interaction of functional groups. **Prerequisite:** CHEM 222. **Three hours per week.**

413. INTERNSHIP/CO-OP IN CHEMISTRY**3 hours credit**

Work experience designed to provide qualified students opportunities to use acquired chemical knowledge in a professional way. Written report, seminar presentation required. **Prerequisites:** Twenty-four credits of chemistry, permission of department chair. **Six hours work per week, conference with supervisor.**

415. SEMINAR**2 hours credit**

Introduces students to the literature, writing styles and oral presentation styles used by the scientific community in general, and the field of chemistry specifically. Builds skills in discussing current topics in chemistry. **Prerequisite:** Junior standing or permission of instructor. **Two hours per week.**

417. BIOCHEMISTRY I**4 hours credit**

Application of chemical principles to biological systems through study of the properties, analysis, functioning and relationship of proteins, carbohydrates, lipids and nucleic acids. May not be taken for credit if student has credit for CHEM 407. **Prerequisite:** CHEM 222. **Three hours lecture, three hours laboratory per week.**

418. BIOCHEMISTRY II**3 hours credit**

Study of the intermediary metabolism of biomolecules and the biochemistry underlying the expression of information contained in DNA in the synthesis of biomolecules. **Prerequisite:** CHEM 417. **Three hours per week.**

419. BIOCHEMICAL METHODS**4 hours credit**

Lecture/laboratory-based exploration of biochemical techniques commonly used in industrial and academic laboratories. Demonstrates the relationships between the structure, interactions and functions of biomolecules and metabolic pathways. **Prerequisite/Corequisite:** CHEM 418. **Six hours per week.**

425. ADVANCED TOPICS IN ORGANIC CHEMISTRY**3 hours credit**

Examines current topics in the field of organic chemistry. Topics vary by instructor and may include bioorganic, medicinal, organometallic or physical organic chemistry. Problem solving and reading/discussion of the primary literature are emphasized. May be taken twice for credit under different topics. **Prerequisite:** CHEM 222. **Three hours per week.**

441. ADVANCED EXPERIMENTAL CHEMISTRY I**4 hours credit**

Blended lecture/lab experience in experimental chemistry. Emphasis on the relationship between synthesis, instrumental methods and thermodynamic principles. **Prerequisites:** CHEM 333, 341. **Prerequisite/Corequisite:** CHEM 306. **Six hours per week.**

442. ADVANCED EXPERIMENTAL CHEMISTRY II**4 hours credit**

Continuation of CHEM 441. Blended lecture/lab experience in experimental chemistry. Emphasis on the relationship between synthesis, instrumental methods and molecular structure. **Prerequisites:** CHEM 306, 342. **Prerequisite/Corequisite:** CHEM 333. **Six hours per week.**

499. SPECIAL TOPICS IN CHEMISTRY**3 hours credit**

Study of a specific area of chemistry. Topic varies semester to semester. May be taken twice for credit. **Three hours lecture per week/laboratory-lecture equivalent.**

599. SPECIAL TOPICS IN CHEMISTRY**3 hours credit**

Study of a specific area of chemistry. Topics vary from semester to semester. May be taken twice for credit under different subtitles. Lab-lecture equivalent. **Prerequisite:** Graduate standing.

CHINESE (CHIN)**101. ELEMENTARY CHINESE I****4 hours credit**

A foundational course in Modern Standard Chinese (Mandarin), provides competency at the lower novice level in cultural situations as well as in all areas of language usage: listening, speaking, reading and writing. Emphasis on learning simplified script. **Four hours per week. Meets General Education IIIA and IIIC.**

102. ELEMENTARY CHINESE II**4 hours credit**

Continued skill development of listening, speaking, reading and writing in appropriate cultural situations. More emphasis on reading and writing of Chinese characters in simplified script. **Prerequisite:** CHIN 101 or at least one year of high school Chinese or equivalent experience. **Four hours per week. Meets General Education IIIA and IIIC.**

201. PRE-INTERMEDIATE CHINESE I**4 hours credit**

Addresses culture and all four areas of language learning: listening, speaking, reading and writing. Students interact appropriately in a variety of social and linguistic situations. Provides exposure to the traditional script. **Prerequisite:**

CHIN 102 or at least two years of high school Chinese or equivalent experience. **Four hours per week. Meets General Education IIIA and IIIC.**

202. PRE-INTERMEDIATE CHINESE II**4 hours credit**

Provides the final preparation for students to work at an intermediate level in authentic readings and topics. Increasingly sophisticated cultural tasks are performed in the four areas of language development: listening, speaking, reading and writing. **Prerequisite:** CHIN 201 or at least three years of high school Chinese or equivalent experience. **Four hours per week. Meets General Education IIIA and IIIC.**

COMMUNICATION ARTS (CMAT)**100. FUNDAMENTALS OF COMMUNICATION****4 hours credit**

Surveys the basic competencies necessary to articulate oneself effectively in a variety of communication settings. Topics include interpersonal and intercultural relationships, formal and informal groups, and public forums with a primary focus on basic presentation skills. Designed for non-communication arts majors and minors. **Three hours per week with enhancement. Meets General Education IIIA and IIIC.**

101. INTRODUCTION TO HUMAN COMMUNICATION STUDIES**4 hours credit**

Introduction to the basic principles and theories of human communication. Explores contexts such as interpersonal relationships, small groups, organizations, intercultural interaction and public speaking. In each context, practice skills of effective communication while gaining understanding of the relevant theories and research that are foundational to the discipline. Designed for communication arts majors and minors. **Three hours per week with enhancement. Meets General Education IIIA and IIIC.**

102. INTRODUCTION TO MASS MEDIA**4 hours credit**

Theory, history, structure and functions of mass media (print, film, recording, radio, television, new media), advertising, journalism and public relations. Students may not receive credit for both CMAT 110 and CMAT 102. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

131. WRITING FOR MEDIA**4 hours credit**

Fundamentals of writing for media, including basic script formats and other forms of media content including public service announcements, advertisements, continuity, public relations materials, news and dramas. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

205. INTERPERSONAL COMMUNICATION**4 hours credit**

Study of the factors that motivate and determine communication or non-communication among individuals, of the psychological barriers and inducements to open communication and of the effects of these factors upon the people involved. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

218. RHETORIC AND PUBLIC PRESENTATION**4 hours credit**

Designed to provide extensive exposure to, and practice in, the preparation and presentation of messages. Emphasizes the nature, methods and principles of public address including persuasive, informative and special occasion presentations. **Prerequisite:** C or better in CMAT 101. **Three hours per week with enhancement.**

234. BEGINNING AUDIO PRODUCTION**4 hours credit**

Covers the basic skills and techniques required for audio production in media. Emphasis is on the aesthetics, principles and practices in producing and designing audio programs for media. May not receive credit for both CMAT 134 and CMAT 234. **Prerequisite:** C or better in CMAT 131. **Three hours per week with enhancement.**

240. INTRODUCTION TO JOURNALISM AND PUBLIC RELATIONS**4 hours credit**

Introduction to the basics of journalism and public relations. Focuses on developing an understanding of the professional practices of journalism and public relations and developing journalism and public relations writing skills. **Prerequisite:** C or better in CMAT 101 and 102. **Three hours per week with enhancement.**

243. TELEVISION STUDIO PRODUCTION**4 hours credit**

Introduction to the equipment and techniques of television studio production. Each student produces and directs a variety of live-to-tape productions. Outside class crew hours required. May not receive credit for both CMAT 136 and 243. **Prerequisite:** C or better in CMAT 131. **Three hours per week with enhancement.**

249. JOURNALISM/PUBLIC RELATIONS PRACTICUM**2 hours credit**

Offers students experiences in a variety of on-campus activities. Students are allowed to gain credit for working with groups such as *The Flyer* newspaper, student activities, the Public Relations Office, school-level newsletters, or other journalism or public relations activities approved by the practicum director. **Prerequisites:** C or better in CMAT 240 and permission of instructor. **Two hours per week.**

250. INSTRUCTIONAL COMMUNICATION**4 hours credit**

Study of the communicative factors involved in the teaching-learning process in classroom and corporate contexts. Emphasis is on the selecting, limiting, organizing and presenting of content that needs to be conveyed from instructor to learner(s). Special focus is given to developing a supportive environment, effective questioning and positive interpersonal relationships. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

260. FUNDAMENTALS OF ORGANIZATIONAL COMMUNICATION**4 hours credit**

Study of human communication systems in organizations. Students explore one-to-one, small group and one-to-many communication, and develop the skills needed in organizational communication. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

297. COMMUNICATION RESEARCH**4 hours credit**

Introduction to common communication research methods, including: literature reviews, surveys, experiments, content analysis, rhetorical criticism, ethnography, interviews and focus groups. Students learn essential research and writing skills through projects created in areas of interest such as relationships, business, media, or advertising/public relations. May not receive credit for both CMAT 297 and CMAT 301. **Prerequisite:** C or better in CMAT 101 and 102. **Three hours per week with enhancement.**

300. INTERCULTURAL COMMUNICATION**4 hours credit**

Study of correctable communication problems caused by cultural differences. Analysis of problems from communication and cultural perspectives. Emphasis on ways to avoid and

correct such problems. Does not satisfy General Education requirements. **Prerequisite:** C or better in CMAT 297. **Three hours per week with enhancement.**

304. COMMUNICATION, GENDER AND CULTURE 4 hours credit

Explores the relationships among communication, gender and culture. Illuminates the pivotal role of communication in sustaining and altering existing gender and cultural patterns. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

305. RELATIONAL COMMUNICATION 4 hours credit

Examines theories and concepts that highlight the role of communication in personal and intimate relationships. Additional emphasis is on the role of communication in the life-cycle of a relationship. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

306. CONVERSATIONAL ANALYSIS 4 hours credit

Study of conversational goals and strategies. Focus on recognizing and understanding role of specific features (i.e. pronouns, sentence structure) in interpersonal contexts; individual communicative strategies and their effects on conversational patterns. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

307. INTERPERSONAL CONFLICT 4 hours credit

Examines the role of communication in interpersonal contexts where there is a need to manage conflict. Explores how communication can reflect, create and transform conflict. Analyzes the role of power, climate, emotions and other factors that contribute to destructive or constructive conflict patterns. Emphasizes conceptual understanding and basic skills in diagnosing conflict, making recommendations, monitoring one's own behavior and third party intervention. **Prerequisite:** C or better in CMAT 297. **Three hours per week with enhancement.**

308. INTERVIEWING 4 hours credit

Investigates interviewing situations based on giving and/or getting information and influencing the behavior of others through persuasion. Includes exercises demonstrating most commonly used forms of the interview. **Prerequisite:** C or better in CMAT 101 and 102. **Three hours per week with enhancement.**

310. SMALL GROUP DISCUSSION 4 hours credit

Participation in and analysis of small group discussion. Emphasizes communication within the small group setting and effective group decision making. **Prerequisites:** Junior standing and C or better in CMAT 101. **Three hours per week with enhancement.**

312. NONVERBAL COMMUNICATION 4 hours credit

Study of human communicative behavior without the use of words. Ways of sending and receiving nonverbal messages are examined with the goal of awareness and understanding of their communicative value. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

314. CONFERENCE AND MEETING MANAGEMENT 4 hours credit

Studies the basic principles and procedures for the effective management of small- and large-scale conferences and meetings in a variety of contexts, including education, sales and marketing, professional associations and government. Will apply the knowledge gained through readings and lecture to actual and simulated conferences. Students will be

involved in the actual planning and management of a conference. **Prerequisites:** Junior standing and C or better in CMAT 100 or 101 or 260. **Three hours per week with enhancement.**

317. PERSUASION AND ARGUMENTATION 4 hours credit

Introduction to the study of persuasion and argumentation. Focus on how changes in attitudes and behavior may generally result and how various factors may contribute to persuasive outcomes. Examines practical reasoning in the construction of persuasive argument. Course includes practice in oral and written argument. Students who have taken both CMAT 315 and 316 may not receive credit for CMAT 317. **Prerequisite:** C or better in CMAT 297. **Three hours per week with enhancement.**

318. EVENT PLANNING AND COMMUNICATION 4 hours credit

Theory and practice of event management and planning. Application, knowledge and understanding of planning and implementation of a variety of professional and non-professional events. Components include budgeting, contracts, liability, technology, aesthetics, marketing and promotion. **Prerequisite:** C or better in CMAT 101, 102 and junior standing. **Three hours per week with enhancement.**

331. DRAMATIC WRITING FOR MEDIA 4 hours credit

Study of the concepts and techniques associated with dramatic fiction writing for media. Students acquire skills through analysis of sample screenplays, movies and TV programs and through developing short motion picture and television screenplays and treatments. **Prerequisite:** C or better in CMAT 131. **Three hours per week with enhancement.**

332. MEDIA CRITICISM AND ANALYSIS 4 hours credit

Development of critical viewing skills through analysis of program conventions, genres and media aesthetics, and through intensive writing. **Prerequisites:** C or better in CMAT 102. **Three hours per week with enhancement.**

334. THE MASS MEDIA IN SOCIETY 4 hours credit

Critical study of the persuasive elements generated through the mass media, and the resulting influence the media exert upon society. **Prerequisites:** C or better in CMAT 102. **Three hours per week with enhancement.**

335. COMMUNICATING ON THE WEB 4 hours credit

Acquaints the student with the numerous and varied elements contained on the Internet. The course will enhance communication skills, specifically for the networked environments, and will discuss how to reach specific audiences on the net. Instruction includes media writing, page design, site development and learning about hypertext markup language. Integral to the course is evaluating and analyzing Web-based content. **Prerequisites:** C or better in CMAT 101, 102 and junior standing. **Three hours per week with enhancement.**

336. CINEMA AND SOCIETY 4 hours credit

Analyze how certain motion pictures have influenced society during certain phases of the nation's history. Explore how audience responses to this popular medium demonstrate the specific effects these films have upon social issues and modernity, including gender, sexuality and ethnicity. Case studies assist in understanding basic aspects of media studies and their importance. **Prerequisite:** C or better in CMAT 102. **Four hours per week.**

337. INTERNATIONAL MEDIA SYSTEMS 4 hours credit

Introduction and examination of the media systems of coun-

tries around the globe with emphasis on the effects geo-political and cultural forces have on the development of specific mass communication channels throughout the world. **Prerequisite:** C or better in CMAT 102. **Three hours per week with enhancement.**

338. MASS MEDIA MANAGEMENT 4 hours credit

Study of problems facing today's managers in an ever-changing media landscape. Topics include economics, ownership, leadership, conflict management, programming, advertising, community relations and Federal Communications Commission rules and regulations. **Prerequisite:** C or better in CMAT 102. **Three hours per week with enhancement.**

339. BUSINESS OF MEDIA 4 hours credit

A historical and critical study of how media industries have thrived in contemporary society as business models, and the power they wield to shape public opinion. Addresses how the heads of media conglomerates continue to survive in the deeply competitive world of mass communications, and the place today's student may have within the industry. Requires extensive reading, writing and class discussion on a range of business models and related topics. **Prerequisite:** C or better in CMAT 102. **Three hours per week with enhancement.**

340. PUBLIC RELATIONS WRITING 4 hours credit

Study of writing techniques and formats for public relations applications, including radio and television public service announcements, video news releases, speech writing, media kit preparation, and print media news releases. **Prerequisites:** C or better in CMAT 240. **Three hours per week with enhancement.**

342. ADVERTISING CAMPAIGNS 4 hours credit

Focuses on the study and practice of planning and creating advertisements and advertising techniques such as campaign planning, copy writing and media placement. Explores the aesthetic dimensions of advertising expression and cultural dimensions of reading and interpreting advertisements. Overview of how the advertising industry operates, what ad people do, and the effects of advertising on society. **Prerequisite:** C or better in CMAT 102. **Three hours per week with enhancement.**

343. VIDEO FIELD PRODUCTION 4 hours credit

Study of the production of television and film programs using single camera and editing techniques. May not receive credit for both CMAT 236 and 343. **Prerequisite:** C or better in CMAT 234 and 243. **Three hours per week with enhancement.**

344. WRITING FOR THE PROFESSIONS 4 hours credit

Comprehensive writing course that prepares students for print journalism and public relations careers. Requires weekly writing assignments, many of which are under stringent deadlines. **Prerequisite:** C or better in CMAT 240. **Three hours per week with enhancement.**

345. SPORTS COMMUNICATION 4 hours credit

Places sports in a social perspective and teaches students to study and apply skills required of sportswriters, sportscasters and sports information specialists. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

346. PUBLIC AFFAIRS REPORTING 4 hours credit

Examines media coverage of public agencies and social issues while emphasizing civic journalism. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

347. MOBILE JOURNALISM 4 hours credit

Theory and practice of the production of print, broadcast and online journalism using mobile communication devices. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

348. MEDIA DESIGN AND LAYOUT 4 hours credit

Instruction in the principles, theories and applications of typography, layout, design, editing and production of print and electronic dissemination of business publications, newspapers, magazines, websites and other new media. The course is designed to help develop desktop printing and online publishing skills. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

354. ADVANCED AUDIO PRODUCTION 4 hours credit

An intensive advanced-level audio production course. Advances the students' broad audio knowledge and production abilities in creative sound recording/mixing/processing/editing and sound design. Emphasizes audio for media, applied media aesthetics, sound design, and creative and artistic approaches to various types of sophisticated audio production including music recording, radio production and audio for other media (video, film, new media). **Prerequisite:** CMAT 234. **Three hours per week with enhancement.**

365. MANAGERIAL COMMUNICATION 4 hours credit

Study of the role of the manager as a communicator at various organizational levels. Students study various communication strategies available to managers. Topics include information processing; presenting, receiving and gathering information; goal setting; decision making and change. **Prerequisites:** Junior standing and C or better in CMAT 101 or 260. **Three hours per week with enhancement.**

373. PRODUCING NEWS PACKAGES AND DOCUMENTARY SHORTS 4 hours credit

Provides a solid foundation of theoretical and practical skills needed to tell nonfiction stories for the visual mass media. Produce a wide variety of news packages and documentary shorts. **Prerequisite:** C or better in CMAT 343. **Three hours per week with enhancement.**

374. 2D ANIMATION 4 hours credit

Introduction to the history, theory and practice of 2D animation in a variety of fields (news, documentary, advertising and dramatic narrative). **Prerequisite:** C or better in CMAT 343. **Four hours per week.**

390. SPECIAL TOPICS IN HUMAN COMMUNICATION STUDIES 4 hours credit

Study in interpersonal, organizational or public communication process and messages. May be taken twice under different subtitles. **Prerequisite:** C or better in CMAT 297. **Three hours per week with enhancement.**

391. STUDIES IN MASS MEDIA 4 hours credit

Study of various mass media concepts as they impact contemporary society. May be repeated a maximum of two times under different subtitles. **Prerequisite:** C or better in CMAT 102. **Three hours per week with enhancement.**

392. STUDIES IN MEDIA PRODUCTION 4 hours credit

Study of different concepts and practices as they apply to media production. May be repeated under different subtitles.

Prerequisite: C or better in CMAT 234 and 243. **Four hours per week.**

394. STUDIES IN JOURNALISM/PUBLIC RELATIONS
4 hours credit

Study of various concepts, theories and/or practices in journalism or public relations. May be repeated under different subtitles. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

399. INTERNATIONAL STUDIES IN COMMUNICATION
4 hours credit

On-site study of human communication, media, journalism and culture of selected countries. Field study is preceded by pre-tour lectures. Understand the culture and communication of a foreign country through immersion and experiential learning. May be taken twice under different subtitles. **Prerequisites:** Permission of instructor. **Four hours per week.**

400. ADVANCED COMMUNICATION THEORY
4 hours credit

Selected philosophies and theories of human communication, encompassing structures, forms and contexts of communication, which include cultural contexts, assumptive bases and world views of theories and theorists. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

405. FAMILY COMMUNICATION
4 hours credit

Characterization of family styles of communication as they reflect values, attitudes and perceptions of family members as a group. Examination of effects of individual communication strategies on development of family patterns of interaction. Selected readings, field research, two exams. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

430. POLITICAL COMMUNICATION
4 hours credit

Studies the role of media and rhetoric in political campaigns and the political process. **Prerequisites:** C or better in CMAT 297. **Three hours per week with enhancement.**

433. DOCUMENTARY PRODUCTION
4 hours credit

Investigates documentary styles and techniques while emphasizing the documentary production process. Over the course of a semester, develop a documentary project by turning in the various components (proposal, treatment, rushes, etc.), culminating in a completed 24-30 minute documentary. May not receive credit for both CMAT 333 and 433. **Prerequisite:** C or better in CMAT 343. **Three hours per week with enhancement.**

434. TELEVISION MAGAZINE PRODUCTION
4 hours credit

Attain practical, real-world experience by producing a bi-weekly program for SU's campus and community access channels. Create seven bi-weekly, half-hour programs (in the "soft news" genre) that highlight campus-related achievements, events and interests of students' choosing. All on-camera and behind-the-scene crew positions are filled by students. **Prerequisite:** C or better in CMAT 343. **Three hours per week with enhancement.**

435. DIRECTING FOR THE CAMERA
4 hours credit

Introduction to processes and skills required to plan, design and direct drama for the television/film medium. Study the formalistic elements of the medium and complete the required projects designed to provide practical experience in planning and then directing material that persuades, informs and entertains audiences. Fundamentals of the language of tele-

vision/film are stressed: aesthetics and their application. Emphasis on the communication between directors and actors, effective use of the audiovisual language, camera blocking and visual storytelling. **Prerequisite:** C or better in CMAT 343. **Three hours per week with enhancement.**

438. MASS COMMUNICATION LAW
4 hours credit

Consideration of the legal and regulatory context of mass communication. Topics include constitutional, first amendment and statutory issues and the study of regulatory agencies and processes. **Prerequisite:** C or better in CMAT 102 and junior standing. **Three hours per week with enhancement.**

439. CRITICAL ISSUES IN NEW MEDIA
4 hours credit

Critical study of the transformation of the mass media and cultural landscape in relation to digital media and information technologies. Examines the consequences of the convergence of media platforms and technologies for individuals, society, politics, culture and the media industries. **Prerequisites:** C or better in CMAT 102 and junior standing. **Three hours per week with enhancement.**

440. MEDIA AND CRIMINAL JUSTICE
4 hours credit

Course enhancing the understanding of the media-criminal justice relationship as media coverage corresponds with heightened public demand for accountability in law enforcement, corrections, legal and judicial agencies. Study news coverage and entertainment portrayals of institutional and source-reporter interaction in criminal justice agencies, which are developing sophisticated public information and media relations strategies. Evaluate whether the public can be better informed without sacrificing the integrity of media and criminal justice agencies. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

444. ENVIRONMENTAL COMMUNICATION
4 hours credit

Focuses on the reporting and dissemination of environmental policy, information and education, environmental reporting and environmental public relations. Also discusses risk and crisis communication management. **Prerequisite:** C or better in CMAT 100 or 101, and junior standing. **Three hours per week with enhancement.**

445. DIGITAL PUBLIC RELATIONS
4 hours credit

The study and practice of strategic communication principles guiding social media strategy planning, integration, monitoring and measurement over a range of platforms and its systematic application. **Prerequisite:** C or better in CMAT 101, 102 and junior standing. **Three hours per week with enhancement.**

446. DIGITAL FILMMAKING
4 hours credit

Explores the art of filmmaking using digital technology. Requires producing a short film from script to screen. Students write, produce, direct, cast, shoot and edit a short film in a genre of their choice. Film theory and techniques are explored and applied in the production. HD equipment is used for acquisition and finishing. **Prerequisite:** C or better in CMAT 343. **Three hours per week with enhancement.**

447. INTERNATIONAL PUBLIC RELATIONS
4 hours credit

Study of strategic communication principles and theoretical frameworks guiding research, design, implementation and evaluation of international public relations efforts by corporations, institutions and nongovernmental organizations. **Prerequisite:** C or better in CMAT 101, 102 and junior standing. **Three hours per week with enhancement.**

448. PUBLIC RELATIONS CASES AND STRATEGIES
4 hours credit

Examines public relations cases while developing strategies and scenarios for response. **Prerequisite:** C or better in CMAT 344. **Three hours per week with enhancement.**

456. ADVANCED TELEVISION STUDIO PRODUCTION
4 hours credit

Advanced-level production course designed for experience in writing, designing and producing programs in a television studio environment. Emphasis on program proposals, writing, producing, directing and use of digital technology in production. May not receive credit for both CMAT 336 and 456. **Prerequisites:** C or better in CMAT 343. **Four hours per week.**

460. APPLIED ORGANIZATIONAL COMMUNICATION
4 hours credit

Examines the process of communication from the perspective of the whole organization and studies various structures in business, education, the arts, etc. in order to analyze and improve communication. **Prerequisite:** Junior standing and C or better in CMAT 297. **Three hours per week with enhancement.**

465. COMMUNICATION TECHNOLOGY
4 hours credit

Examines innovations in communication techniques and applications. Topics include satellite and terrestrial based technology, conferencing, decision support systems, computer mediated communication and the impact of technology on the communication process and communicators. **Prerequisites:** Junior standing and C or better in CMAT 101, 102. **Three hours per week with enhancement.**

466. SPECIALIZED REPORTING FOR TV AND THE WEB
4 hours credit

Provides an opportunity to focus reportorial and production skills on a specialized topic. Specialized topics could include, but are not limited to, sports, community, business or international issues. Student work produced will be offered to media organizations around Maryland for use in professional broadcast news programs or news websites. **Prerequisite:** C or better in CMAT 343. **Three hours per week with enhancement.**

490. COMMUNICATION SEMINAR
4 hours credit

Intensive study in speech or communication studies. Students should choose a seminar in their track. Substantial research paper/academic project and class presentation are required. May be taken twice under different subtitles, but only four credits may be applied to the communication arts major. **Prerequisites:** Senior standing and permission of the instructor. **Three hours per week with enhancement.**

492. INDEPENDENT STUDY
1-4 hours credit

Student selects a topic for investigation with the advice of an instructor prior to registration. Student submits a proposal including a letter of intent, an outline of the proposed study and an abstract of the intended topic area. Prior familiarity and work with the topic are recommended. Students opting for CMAT 492 as an elective requirement must take a minimum of four credits. May be taken twice for a total of eight credit hours, and only four credits may count toward the major. **Prerequisite:** Permission of department chair. **Hours arranged.**

495. INTERNSHIP IN COMMUNICATION
1-8 hours credit

Provides practical experience in the application of theoretical concepts including broadcasting, theatre, journalism, organizational communication, public relations, training, etc. Only four hours may be counted toward the major. Students opting for CMAT 495 as a core requirement must take a minimum of

four credits. May be taken twice for a total of eight credit hours. **Prerequisites:** C or better in CMAT 101, 102, junior standing, track core courses, 2.5 overall G.P.A., 3.0 G.P.A. in CMAT and permission of the department. **Variable.**

497. INDEPENDENT RESEARCH
4 hours credit

Designed to encourage students to pursue an important area of research in communication. Allows a student to study a subject area in more depth than possible in the traditional classroom setting. With the advice of an instructor, the student submits a proposal including a letter of intent, an outline of the proposed study with bibliography and an abstract of the intended topic area. The project should ideally be new research as an addendum to an earlier project. A public presentation of research is required. **Prerequisites:** C or better in CMAT 297, (at least 3.0 GPA in CMAT courses) permission of department chair and approval and cooperation of supervising instructor. **Four hours per week.**

499. HONORS
4 hours credit

Independent study undertaken for departmental honors at the invitation of the department.

500. ORAL READING AND THE TEACHING OF LITERATURE
3 hours credit

Designed to lead the student to an awareness of literature through the performing self to reinforce the concept that one's physiological and psychological processes are bound together in the act of understanding what stories and poems mean. **Three hours per week.**

501. ADVANCED COMMUNICATION THEORY
3 hours credit

Selected philosophies and theories of human communication, encompassing structures, forms and contexts of communication, which include cultural contexts, assumptive bases and world views of theories and theorists. **Prerequisite:** Graduate status. **Three hours per week.**

510. SEMINAR IN INTERPERSONAL COMMUNICATION
3 hours credit

The investigation of speech-communication from the point of view of conflict, manipulation, barriers and breakdowns—factors which undermine human potential for optimum reciprocal social intercourse. **Three hours per week.**

530. POLITICAL COMMUNICATION
3 hours credit

Studies the role of media and rhetoric in political campaigns and the political process. **Prerequisite:** Graduate status. **Three hours per week.**

590. COMMUNICATION SEMINAR
3 hours credit

Intensive study of a selected topic in speech, communication studies or theatre. May be repeated under different subtitles. **Prerequisite:** Graduate status. **Three hours per week.**

592. INDEPENDENT STUDY
1-3 hours credit

Student must choose a topic for investigation with the advice of an instructor prior to registration. Variable credit; may be taken twice. **Prerequisites:** Graduate status, Permission of department chair. **Hours arranged.**

645. ORGANIZATIONAL COMMUNICATION
3 hours credit

Designed to improve a manager's effectiveness in communicating on both an interpersonal and systems level. Topics include dissemination of information, writing style and format. Includes theories and models in communication. Emphasis on solving business communication problems. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

COMPUTER SCIENCE (COSC)

116. INTRODUCTION TO COMPUTER SYSTEMS

4 hours credit

Overview of computer science and the theory and application of computer fundamentals. Lab activities include: file and directory/folder manipulation, word processing, spreadsheets and program implementation. May not be taken for credit if student already has credit for any of the following: COSC 110, 112, 115, INFO 111. **Three hours lecture, two hours laboratory per week. Meets General Education IVB.**

117. PROGRAMMING FUNDAMENTALS

4 hours credit

Introductory course in computer programming, which involves solving problems by designing, implementing and testing algorithms. Emphasis is on problem solving through the use of algorithms and learning to develop computer programs that are reliable, well-documented and correct. Implementation is done in object-oriented based languages concentrating on fundamental instructions and the development and implementation of events, methods and functions. **Three hours lecture, two hours laboratory per week. Meets General Education IVB.**

118. INTRODUCTORY SCIENTIFIC PROGRAMMING

4 hours credit

Introduction to program design and development. Programs focus on development of applications for science, including applications related to GIS. The object-oriented approach is emphasized throughout. No previous programming experience is required. **Three hours lecture, two hours laboratory per week.**

119. INTRODUCTION TO WEB DEVELOPMENT

4 hours credit

Introductory course in Web development through the use of XHTML (Extensible Hypertext Markup Language), CSS (Cascading Style Sheets) and Java. Intended for B.A. art majors in visual communications and B.F.A. art majors in graphic design. Labs focus on Web page development through the use of forms, tables, menus, graphics and JavaScript. **Three hours lecture, two hours laboratory per week. Meets General Education IVB.**

120. COMPUTER SCIENCE I

4 hours credit

Step-by-step approach to problem solving, modular structured design, and structured programming in C++. Emphasizes production of readable, well-documented, efficient, tested and correct programs. Includes time intensive assignments. **Prerequisite:** C or better in COSC 117 or permission of department. **Three hours lecture, two hours laboratory per week.**

220. COMPUTER SCIENCE II

4 hours credit

Object-oriented approach to design and implementation of medium to large software projects. Abstract data types including lists, stack and queues. Emphasizes design trade-offs based on analysis of run time and storage requirements. Includes time-intensive assignments. **Prerequisite:** C or better in COSC 120. **Prerequisite/Corequisite:** MATH 210. **Three hours lecture, two hours laboratory per week. Meets General Education IVB.**

250. MICROCOMPUTER ORGANIZATION

4 hours credit

Organization and internal behavior of microcomputer hardware: digital logic, Boolean algebra, switching networks, design of memories and ALUs, controllers, microprocessor architecture, introduction to machine code and assembly language. Credit may not be received for both COSC 250 and

PHYS 322. **Prerequisite:** C or better in COSC 116 or 120. **Three hours lecture, two hours laboratory per week. Meets General Education IVB.**

320. ADVANCED DATA STRUCTURES AND ALGORITHM ANALYSIS

4 hours credit

Continuation of the study of the design, implementation and testing of programs. Further study of object-oriented programming. Introduction of graphical user interfaces. Emphasis is on analysis of algorithms and abstraction. **Prerequisites:** C or better in COSC 220, MATH 210. **Three hours lecture, two hours laboratory per week.**

330. OO DESIGN PATTERNS AND GUI/ EVENT-DRIVEN PROGRAMMING

3 hours credit

Covers three related topics: event-driven programming, graphical user interface (GUI) and object-oriented (OO) design using design patterns. The event-driven model is examined throughout the course. OO design is introduced through the analysis of design patterns. There are several programming projects for this course. **Prerequisites:** C or better in COSC 220. **Three hours per week.**

350. SYSTEMS SOFTWARE

4 hours credit

Study of programming at the systems level, mostly in a UNIX environment. Topics include processes, threads, sockets, basic I/O operations, interprocess communication and use of Shell and Perl scripts. **Prerequisites:** C or better in COSC 220, 250. **Three hours lecture, two hours laboratory per week.**

362. THEORY OF COMPUTATION

3 hours credit

Applications of discrete mathematics to computer science and introduction to the theory of computation. Topics include automata and formal languages, computability by Turing machines and recursive functions, undecidability and computational complexity. **Prerequisites:** C or better in COSC 120, MATH 210. **Three hours per week.**

370. COMPUTER NETWORKS

3 hours credit

Theory and practice of data communication between computing devices. Investigates network architectures, wide- and local-area networks, ISO network layers. Emphasis is on the underlying theory and how network design affects network performance. Study of encoding systems, routing control, transport protocols, programming for networks, socket programming and remote procedure calls. **Prerequisites:** C or better in COSC 220, MATH 210. **Three hours per week.**

380. INTERNSHIP

3 hours credit

Students work under supervisors in a local firm or public institution in conjunction with an advisor from the department. Cross-listed with MATH 380. MATH/COSC 380 may be taken twice for a maximum of six credits, but used only once toward a major in mathematics or computer science. **Prerequisite:** Approval of department chair. **Eight to ten hours per week. (P/F)**

385. DIRECTED STUDY

1-4 hours credit

For students who desire to pursue a special topic in computer science not covered in the current curriculum. Under most circumstances students will take this course for three credit hours. This course may be repeated under different subtitles, for a total of 9 credits, but only a total of four credit hours from MATH 385 and/or COSC 385 may be used toward a major or minor. **Prerequisite:** Permission of the instructor and approval of department chair. **One to four hours per week.**

386. DATABASE IMPLEMENTATION

3 hours credit

Concentrates on the physical design and implementation of databases. Query algorithms and efficiency optimization are explored. Design, implement and document large database systems. **Prerequisite:** C or better in COSC 220, MATH 210. **Three hours per week.**

390. UNDERGRADUATE RESEARCH PROJECT

1-3 hours credit

Offers study of some area of computer science in more depth than is possible in the usual classroom setting. Students work on projects under the direction of faculty members. **Prerequisite:** Approval of department chair. **(P/F)**

420. HIGH-PERFORMANCE COMPUTING

4 hours credit

Principles and practice of parallel and distributed computing. Topics include modern computing architectures, concurrency principles and algorithm design, and applications and programming. **Prerequisite:** C or better in COSC 320. **Four hours per week.**

422. ORGANIZATION OF PROGRAMMING LANGUAGES

3 hours credit

Study of the organization of programming languages, with emphasis on their formal specifications and on the run-time behavior of procedural, object-based, functional and logic programming languages. History, syntax and grammar, control, binding, pointers, blocks, parameters, and encapsulation. **Prerequisite:** C or better in COSC 220. **Three hours per week.**

425, 426. SOFTWARE ENGINEERING I, II

3 hours credit

Study of conventional and object-oriented software engineering principles and methods: the human-computer interface, requirements analysis, prototyping, software design, system models, use of tools, project management, implementation, testing strategies, software metrics, maintenance, quality assurance, ethics and professional responsibility. Use of standards, verification and validation, configuration management, quality assurance and human factors. Student teams will analyze a real-world problem and design, implement, document and test a software system based upon the specified requirements. COSC 426 is a continuation of 425. **Prerequisite:** C or better in COSC 320. **Three hours per week.**

432. COMPILER CONSTRUCTION

3 hours credit

Concentrates on the principles, techniques and tools of modern compiler construction. Topics include lexical analysis, parsing and semantic analysis, translation, code generation, run-time organization, abstract syntax, type checking and register allocation. Will design and implement a working compiler. **Prerequisite:** C or better in COSC 320. **Prerequisite/Corequisite:** C or better in COSC/MATH 362. **Three hours per week.**

450. OPERATING SYSTEMS

3 hours credit

Analysis of the operating system, the program which supervises the activity of the computer. Study of processes, inter-process communication, scheduling, I/O systems, deadlock, file systems, memory management, security/protection mechanisms and resource allocation. **Prerequisite:** C or better in COSC 350. **Three hours per week.**

456. COMPUTER ARCHITECTURE

3 hours credit

Advanced study of computer systems which includes addressing modes, parallelism, pipeline processing, memory management, control designs and I/O interrupts. Various architectures compared and contrasted. **Prerequisites:** C or better in COSC 220, 250. **Three hours per week.**

472. NETWORK SECURITY

3 hours credit

The principles and practice of network security, covering three areas: security risks and countermeasures, principles of computer cryptography, and applied cryptography in network systems. Topics include the themes and challenges of network security, the role of cryptography and modern techniques for computer and network security. **Prerequisite:** C or better in COSC 370. **Three hours per week.**

482. COMPUTER GRAPHICS

3 hours credit

Generate and manipulate graphic information using the computer. Emphasis on the analysis of fundamental problems associated with these activities and on the structured design of solutions. Cross-listed with MATH 482. May not receive credit for both COSC 482 and MATH 482. **Prerequisites:** C or better in COSC 120, and either MATH 293 or MATH 306. **Three hours per week.**

490. SPECIAL TOPICS

3 hours credit

Seminar course with content that varies semester to semester (e.g., artificial intelligence, compiler construction or other topics suggested by faculty or students). May be taken twice under different titles. **Prerequisite:** C or better in COSC 220. **Three hours per week.**

495. DIRECTED CONSULTING

4 hours credit

Provides teams of 3-12 students with experience in using mathematical and computing tools to solve real-world problems posed by a client organization, such as a research institute, business or industry. Combines individual and group work, and requires the presentation of a written and oral report to the client organization and the department. Cross-listed with MATH 495. COSC/MATH 495 may be taken twice for a maximum of eight credits, but used only once toward a major in mathematics or computer science. **Prerequisite:** Invitation by department chair. **Four hours per week. (P/F)**

501. COMPUTER SCIENCE FOR MATH AND SCIENCE TEACHERS

3 hours credit

Study of microcomputers, advanced programming concepts and other topics appropriate to secondary school teachers of mathematics and science. Graduate credit only. **Prerequisites:** C or better in COSC 120, graduate standing.

522. ORGANIZATION OF PROGRAMMING LANGUAGES

3 hours credit

Study of the organization of programming languages, with emphasis on their formal specifications and on the run-time behavior of procedural, object-based, functional and logic programming languages. History, syntax and grammar, control, binding, pointers, blocks, parameters, and encapsulation. Credit may not be received for more than one: COSC 422, COSC 522. **Prerequisites:** C or better in COSC 220, graduate standing. **Three hours per week.**

550. OPERATING SYSTEMS

3 hours credit

Analysis of the operating system, the program which supervises the activity of the computer. Study of processes, inter-process communication, scheduling, I/O systems, deadlock, file systems, memory management, security/protection mechanisms and resource allocation. Credit may not be received for more than one: COSC 450, COSC 550. **Prerequisites:** C or better in COSC 350, graduate standing. **Three hours per week.**

582. COMPUTER GRAPHICS

3 hours credit

Generate and manipulate graphic information using the computer. Emphasis on the analysis of fundamental problems

associated with these activities and on the structured design of solutions. Cross-listed with MATH 482. Credit may not be received for more than one: COSC 482, COSC 582, MATH 482, MATH 582. **Prerequisites:** C or better in COSC 120, MATH 306, graduate standing. **Three hours per week.**

590. SPECIAL TOPICS 3 hours credit

Seminar course with content that varies semester to semester (e.g., artificial intelligence, compiler construction or other topics suggested by faculty or students). May be taken twice under different titles. **Prerequisites:** C or better in COSC 220, graduate standing. **Three hours per week.**

CONFLICT ANALYSIS AND DISPUTE RESOLUTION (CADR)

200. FOUNDATIONS OF CONFLICT AND CONFLICT RESOLUTION

4 hours credit

Surveys the basic practical and theoretical foundations of conflict and conflict resolution. Introduces students to the basic theories and practices of conflict resolution providing them with a grounding in theories of conflict, their application, the dynamics of conflict and an overview of key conflict resolution processes. Students learn to understand their own conflicts and how the theories, skills and practices of conflict resolution can make conflict productive. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

225. SOCIOLOGY OF CONFLICT AND NONVIOLENCE

4 hours credit

Seeks answers to questions about why humans use violence to resolve conflict and what social forces produce conflict in families, ethnic and racial groups, economic groups and nation states. Explores nature and practice of nonviolent conflict resolution. Cross-listed with SOCI 225. May not receive credit for both CADR 225 and SOCI 225. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

300. THEORIES OF CONFLICT AND CONFLICT RESOLUTION

4 hours credit

Examines the root cause of social conflict from a variety of theoretical perspectives. Conflict analysis is examined using psychological, sociological, anthropological, political and internal national relations perspectives. Identifies various factors, variables and social dynamics that often signal the onset of social conflict. **Three hours per week with enhancement.**

301. INTERNATIONAL CONFLICT AND CONFLICT RESOLUTION

4 hours credit

Focuses on the variety of root sources of conflict between nation states. Underscores the early detection and successful prevention of large-scale acts of aggression and violence between nation states. Case studies will be employed to understand and explain these international disputes. Some key players in these conflicts will serve as resource persons for class. **Three hours per week with enhancement.**

302. CROSS-CULTURAL CONFLICT ANALYSIS AND INTERVENTION

4 hours credit

Culture and its impact on the interactions of individuals and groups is the core concern of this course. The norms, roles, values, beliefs and traditions of various ethnic and racial groups are primordial to an understanding of why there is conflict among groups. This class emphasizes cultural awareness as a means of more fully understanding the

dynamics of controversies among different groups and examines a variety of "rational" systems, belief and value structures that directly clash with those of neighboring groups. **Three hours per week with enhancement.**

303. STUDIES IN CONFLICT ANALYSIS AND DISPUTE RESOLUTION

4 hours credit

Selected areas of study within varied subfields of conflict analysis and dispute resolution. Course may be taken three times under different subtitles. **Prerequisite:** CADR 200. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

321. RESEARCH METHODS

4 hours credit

Introduction to qualitative and quantitative social research methods. Emphasis on research design, question formulation, sampling techniques, hypothesis testing, data analysis, computer processing and practical research activity. **Three one-hour lectures, one two-hour laboratory per week.**

400. PRACTICUM AND INTERNSHIP

3 or 4 hours credit

Provides a supervised and mentored experience practicing conflict resolution in local, regional, national or international organizations. Students are required to design their own practicum experience with the assistance of conflict analysis and dispute resolution faculty in order to best suit their particular interests, career goals and aspirations. **Prerequisites:** Permission of the instructor and junior standing are required to register for the course. Must apply for the practicum experience the semester before registering for the class. May be taken twice with a maximum four credits applied toward the major. **Eight to ten hours per week. (P/F with pass equivalent to C or better)**

401. DISPUTE SYSTEMS DESIGN

4 hours credit

Examines the practical and theoretical approaches to diagnosing and solving complex organizational conflict. Students will learn how to conduct needs assessment, a variety of organizational analysis techniques and how to construct an internal dispute resolution system for organizations within the private and public sector. **Three hours per week with enhancement.**

403. RESOLVING ENVIRONMENTAL CONFLICT

4 hours credit

Environmental conflict is the major problem facing most civilizations in the 21st century. This course provides a systems approach to the examination of the sources of environmental conflict as well as various ways to reach resolution. The core challenge is to balance basic human needs while effectively protecting, preserving or conserving vital parts of the physical and biological environment. This course presents a number of conflict intervention models and techniques. **Three hours per week with enhancement.**

404. NEGOTIATION AND CONFLICT MANAGEMENT IN BUSINESS

4 hours credit

Business conflict can not only hurt profits but personal and professional relationships and, if left unchecked, can impact large groups of people outside the business setting. Conflict management techniques and processes are presented so that students will know how to more effectively manage conflict at an interpersonal level before they escalate into a scenario that requires more people to become involved and further drain business resources. Case studies, simulations and role-plays are used to teach conflict resolution skills that serve to prevent and manage conflicts from becoming destructive. Students will also learn how to become more effective negotiators through the use of interest-based tactics and strategies. **Three hours per week with enhancement.**

405. SPECIAL TOPICS

4 hours credit

Selected areas of study within varied subfields of conflict analysis and dispute resolution. May be taken twice under different subtitles. **Prerequisites:** CADR 200. **Three hours per week with enhancement.**

490. INDIVIDUAL DIRECTED STUDY

1-4 hours credit

Enables advanced students to pursue individualized work through field study or other projects of their own choosing, under the direction of a faculty member. Students may use the resources available at the Center for Conflict Resolution to become involved in on-going projects. May be repeated for a maximum of eight credits with faculty approval. **Prerequisites:** CADR 200, major in conflict analysis and dispute resolution, and permission of instructor. **One to three hours per week with enhancement.**

495. INDIVIDUAL RESEARCH

4 hours credit

Advanced students pursue their own research project under the direction of a faculty member or assist a faculty member in a research project. Involves both archival and qualitative and/or quantitative social science research. May be repeated for a maximum of eight credits with faculty approval. **Prerequisites:** CADR 200, CADR/SOCI 321, major in conflict analysis and dispute resolution, and permission of instructor. **Three hours per week with enhancement.**

500. INTRODUCTION TO CONFLICT ANALYSIS AND RESOLUTION

3 hours credit

Introduction to various practices, history and formative theories of the field; basic analytical and conceptual frameworks; and how theory and practice reinforce each other. Explores how values and world views shape practices and will include reflective exercises to identify individual styles, value sets and approaches to conflict and intervention. **Three hours per week.**

510. PROBLEM SOLVING, NEGOTIATION AND CONFLICT ASSESSMENT

3 hours credit

Explores basic negotiation and problem-solving theory and practice from basic "two-party, one-issue disputes" to more complex cases requiring additional intervention skills. Familiarizes students with the negotiation process; provides experience with conflict analysis and assessment; examines issues of effective data gathering, identification of stakeholders and getting people to the negotiation table; and reviews the process of assessment as it relates to selecting appropriate conflict resolution practices. **Three hours per week.**

520. STRUCTURAL AND SYSTEMATIC CONFLICT AND DISPUTE SYSTEMS

3 hours credit

Examines the hidden sources of conflicts that are often embedded in social, legal, political, and organizational structures and systems. Emphasizes rules, regulations, roles, contractual obligations, laws, informal agreements and other ties that bind people together to create conflict among individuals and groups. Examines organizations, institutions or governments for root causes of conflict. **Three hours per week.**

530. MEDIATION THEORY AND PRACTICE

3 hours credit

Engages students in the major debates and nuances of practice in the field, specifically focusing on the interpersonal level of intervention. Distinctions are made concerning various mediation styles and various schools of thought on how and when to intervene in a case. Students create models of practice from a wide range of process skills and approaches and apply process and analytical knowledge to cases possessing various levels of complexity. **Prerequisite:** CADR 510. **Three hours per week.**

540. THEORIES OF CONFLICT AND CONFLICT RESOLUTION

3 hours credit

Examines theoretical base relating to conflict sources and conflict intervention. Provides a series of frameworks for analyzing complex conflict dynamics. **Three hours per week.**

550. RESEARCH METHODS

3 hours credit

Explores various research methods for collecting, tracking, managing, and analyzing quantitative and qualitative data. Course includes a research project that employs various forms of data collection and analysis. **Prerequisite:** CADR 500. **Three hours per week.**

600. GROUP PROCESSES AND COMPLEX CONFLICTS

3 hours credit

Explores the complexities of large group interventions including organizational, intergroup and international work. Topics include large group consensus processes, multi-party arbitration, negotiated rulemaking, external dynamics, engaging multiple levels of government and community, working internationally, and dealing with the media. **Prerequisites:** CADR 500, 510. **Three hours per week.**

610. WORKSHOPS, TRAINING AND CONFLICT COACHING

3 hours credit

Examines services provided by conflict resolution practitioners. Topics include constructing training workshops, coordinating programs for local organizations, and addressing professional development issues such as self marketing, developing and presenting conflict intervention products, developing and maintaining a client base, and writing reports and evaluations. **Prerequisite:** CADR 500. **Three hours per week.**

620. SPECIAL TOPICS

3 hours credit

A special topics course with varying content developed in response to faculty and student interests. **Three hours per week.**

630. STUDIES IN CONFLICT ANALYSIS AND DISPUTE RESOLUTION

3 hours credit

Selected areas of study within varied subfields of conflict analysis dispute resolution. Topics will vary in response to faculty and student interests. **Three hours per week.**

640. FIELD PRACTICUM I

3 hours credit

An intensive, semester-long practicum, focused on practical field-based experiential learning. An academic program coordinator assists in developing a practicum site and project. The course requires an average of five-six hours per week throughout the semester in addition to the time reserved for classroom activity, reading and research for the final project. **Prerequisites:** CADR 500, 520. **Five-six hours per week.**

641. FIELD PRACTICUM II

3 hours credit

An advanced self-guided practicum. Students may continue their practicum experience in CADR 640 or create a new practicum experience with faculty approval. The course requires an average of five to six hours per week throughout the semester in addition to the time reserved for classroom activity, reading and research for the final project. **Prerequisite:** CADR 640. **Five-six hours per week.**

650. RESEARCH THESIS PROJECT

3 hours credit

A seminar that assists with the thesis process which leads to a project of publishable quality. Opportunities for peer review and establishing incremental goals are available in this course. Students wishing to conduct a thesis must make this

known in their first year of study and must complete and publicly present their thesis prior to the end of their final semester. **Prerequisites:** CADR 550 and permission of instructor. **Three hours per week.**

651. PROFESSIONAL DEVELOPMENT 3 hours credit

A seminar that helps execute a professional development project. Opportunities for peer review and establishing incremental goals are available in this course. Students wishing to execute a professional development project must make this known in their first year of study and must complete and publicly present their professional development project prior to the end of their final semester. **Prerequisites:** CADR 610 and permission of instructor. **Three hours per week.**

DANCE (DANC)

106. DANCE COMPANY 1 hour credit

Ensemble study focuses on dance as a fine art in the rehearsal and performance of ballet, ethnic, jazz, modern and musical theatre dance works choreographed by resident faculty, professional guest artists and selected student members. May be taken for a total of eight credit hours with three applied to the creative arts minor. **Prerequisite:** Previous training and audition. **Four hours per week.**

150. YOGA 4 hours credit

Study and practice of yoga. Focuses on sequences for strength, flexibility, and balance and techniques for breath awareness, meditation and relaxation. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

162. CREATIVE MODERN DANCE I 4 hours credit

Introduction to beginning modern dance as a creative art form. Focuses on a biomechanical approach to movement and basic principles and techniques derived from the American founders of modern dance. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

167. BALLET I 4 hours credit

Introduction to beginning classical ballet technique. Focuses on placement and body alignment, barre work, and simple adagio and allegro movements. **Prerequisite:** Little to no previous training. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

168. JAZZ DANCE 4 hours credit

Introduction to beginning jazz dance technique. Focuses on placement, isolations and rhythmicity. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

202. DANCE APPRECIATION 4 hours credit

Study of traditions of dance in communities around the world. Provide perspective for understanding and appreciating the function of dance in human societies. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

262. CREATIVE MODERN DANCE II 4 hours credit

Continuation of modern dance principles and techniques. Focuses on complex sequences and extended creative studies. **Prerequisite:** DANC 162 or equivalent. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

267. BALLET II 4 hours credit

Continuation of classical ballet principles and techniques. Focuses on complex adagio and allegro sequences. **Prerequisite:** DANC 167 or equivalent. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

268. MUSICAL THEATRE DANCE 4 hours credit

Survey of musical theatre dance from late 19th century African-based forms through 20th century Broadway show styles. Focuses on the study of ballroom, ballet, jazz and tap dance techniques and selected repertory. **Prerequisite:** DANC 167 or 168 or 267. **Three hours per week with enhancement.**

360. TEACHING DANCE 4 hours credit

Study applies dance pedagogy to practicum experience and develops a theoretical framework for the art and craft of teaching dance. **Prerequisites:** DANC 162, 167, 168 and dance minor status. **Three hours per week with enhancement.**

490. SELECTED TOPICS 4 hours credit

Intensive study of selected topics in dance. May be repeated for a maximum of four hours under different subtitles. **Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

491. INDEPENDENT STUDY 1-4 hours credit

Intensive research opportunity for dance minors on a selected subject. May be taken under different subtitles for a total of four hours. **Prerequisite:** Proposal and permission of instructor and department chair prior to registration. **Three hours per week with enhancement.**

ECONOMICS (ECON)

150. PRINCIPLES OF ECONOMICS 3 hours credit

A general introduction to economic ideas and analysis with emphasis on economic institutions and processes in the context of a market economy. Includes basic discussion of microeconomic and macroeconomic topics including economic decision making in the context of scarce resources, price theory, monetary and fiscal policy, etc. This course is intended for nonbusiness majors. This course may not be taken concurrently with or after having completed ECON 211 or 212. **Three hours per week. Meets General Education IIIB or IIIC.**

211. MICRO-ECONOMIC PRINCIPLES 3 hours credit

Introduction to the ideas and tools economists use to understand human behavior constrained by scarce resources. Analytical tools introduced include supply and demand analysis, elasticities, and models of perfect and imperfect competition. These tools will be used to study topics such as consumer and producer decision-making, taxation, environmental quality and health care. **Three hours per week. Meets General Education IIIB or IIIC.**

212. MACROECONOMIC PRINCIPLES 3 hours credit

Explores forces behind business consumer purchases, capital spending and the balance of payments and their relationship to unemployment, inflation and the value of the dollar abroad. Also examines the effect of government spending,

taxation and money supply policies on the economy's performance. **Prerequisite:** C or better in ECON 211. **Three hours per week. Meets General Education IIIB or IIIC.**

220. INTRODUCTION TO ECONOMETRICS 3 hours credit

Introduction to measurement and empirical testing of economic theories. Principles and methods of statistical inference are reviewed and applied to such ideas as law of demand and the consumption function. Training on widely used statistical software. **Prerequisites:** MATH 155 "C" or better grade, ECON 212 as pre or Corequisite. **Three hours per week.**

300. ECONOMIC HISTORY OF THE UNITED STATES 3 hours credit

Study of major developments in the American economy from the founding of colonies to the present, with emphasis on the economic factors contributing to U.S. industrial growth. **Prerequisites:** C or better in ECON 211, 212. **Three hours per week.**

305. INTERMEDIATE MACRO-THEORY 3 hours credit

Study of the theory of economic aggregates through the use of national income accounts to determine the effect of certain key variables on employment and production. Key variables studied include savings and investment, the quantity of money, the velocity of money, the rate of interest and consumption. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

306. INTERMEDIATE MICRO-THEORY 3 hours credit

Study of supply and demand relationships under the various market classifications. Major topics include the market forms, the principles of production, costs of production, resource allocation and income distribution with some discussion of welfare economics. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

331. MONEY AND BANKING 3 hours credit

Study of financial institutions, economic aspects of commercial banking, monetary economics, and banking and fiscal policy. **Prerequisites:** C or better in ECON 211, 212. **Three hours per week.**

336. PUBLIC SECTOR ECONOMICS 3 hours credit

Study of the principles, techniques and effects of obtaining and spending funds by governments and the management of governmental debt. Taxes and expenditures of all levels of government in the United States considered. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

338. SPECIAL TOPICS IN ECONOMICS 3 hours credit

In-depth study of varying economic issues not covered in other economics courses. Students may repeat this course under a different topic. **Prerequisites:** C or better in ECON 211, 212. **Three hours per week.**

370. INDUSTRIAL ORGANIZATION 3 hours credit

Examines differences in how firms behave and perform under alternative market structures including monopolistic competition, oligopoly, monopoly and pure competition. Analyzes problems created by industrial concentration and public policies for dealing with these problems. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

381. LABOR ECONOMICS 3 hours credit

Examination of factors which influence the number of job seekers and the number of jobs in the aggregate, and the efficiency with which the economic system utilizes its labor resources. Topics include individual decision-making with regard to education, job search strategy and hours of work as well as government policies affecting labor compensation, welfare and the right to bargain collectively. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

402. COMPARATIVE ECONOMIC SYSTEMS 3 hours credit

Comparison of contemporary economic systems in various parts of the world. Includes a review of the core economic principles used to analyze economic systems and adopts a country- or region-specific approach to examine the tri-pillars of the world economy: the U.S., Japan and EU; developing and emerging economies in East Asia and Latin America; and the transitional economies of China and Russia. Focus is on the international comparison of economic systems in terms of its influence on economic outcomes such as resource allocation and macroeconomic stability. **Prerequisites:** C or better in ECON 211, 212. **Three hours per week.**

403. MONETARY POLICY AND THE U.S. ECONOMY 3 hours credit

Introduction to how the Federal Reserve (the Fed) formulates and carries out monetary policy to achieve the twin goals of price stability and sustainable economic growth in order to expand and advance students' understanding of monetary policy in the economy. Coverage includes how policy is transmitted to the nation's economy through the banking system and financial markets, the domestic and international economic environment that influences monetary policymaking, and the implications of policy decisions for the domestic and international economies. Relevant macroeconomics and monetary theories to guide policy decisions are examined. **Prerequisites:** C or better in ECON 211, 212. **Prerequisite/Corequisite:** ECON 305. **Three hours per week.**

410. THE ECONOMICS OF HEALTH CARE 3 hours credit

Examines economic aspects of health care including special characteristics of the health care industry, economic behavior of health care consumers and providers, and the role of health insurance and government regulation. Compares health care finance and insurance in the U.S. and other advanced countries. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

411. ECONOMIC DEVELOPMENT 3 hours credit

Study of the theory of economic development and its application to the underdeveloped regions and countries of the world. Emphasis on the technological, locational and financial aspects of economic growth. **Prerequisites:** C or better in all of the following: ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

415. ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS 3 hours credit

Economics-based analysis of causes and consequences of environmental problems and environmental policy and a study of the critical issues in natural resource allocation. Topics include common pool resources, externalities, property rights, exhaustible and renewable resources, privatization and the economics of environmental policy formation. **Prerequisite:** C or better in ECON 211. **Three hours per week.**

420. GAME THEORY**3 hours credit**

Provides the tools and abilities to enhance aptitude for strategic thinking. Coverage includes sequential and simultaneous move games, mixed strategies, repeated games, etc. **Prerequisites:** C or better in ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

425. SPORTS ECONOMICS**3 hours credit**

Covers a broad range of issues in the economics of sports. Topics include the market structure of sports, labor relations between owners and players, public subsidies to professional sports franchises, competitive balance, tournament structure, discrimination, and behavioral analysis of decision making in sports. **Prerequisites:** C or better in ECON 211, ECON 212, MATH 155, MATH 160 (or 201). **Three hours per week.**

430. ECONOMETRICS**3 hours credit**

Principles of econometric model building, empirical testing and statistical inference. Introduction to the theory and application of time series and limited dependents variable models. **Prerequisites:** C or better in ECON 211, ECON 212, MATH 155, MATH 160 (or 201), INFO 281. **Three hours per week.**

435. THE ECONOMICS OF VOLUNTARY EXCHANGE**3 hours credit**

Examines the effects of voluntary and informed transactions on efficient resource allocation and economic welfare. Topics include private property, government regulation, competition and consumer choice. **Prerequisites:** C or better in ECON 211, ECON 212. **Three hours per week.**

441. INTERNATIONAL ECONOMICS**3 hours credit**

Study of the basic economic concepts and theories for international business, international trade and finance, commercial policy, and foreign investment and multinational firms. **Prerequisites:** C or better in ECON 211, ECON 212, MATH 155. **Three hours per week.**

460. APPLIED ECONOMICS WORKSHOP**3 hours credit**

Practical experience with methods used by professional economists to measure economic conditions. Students collect, process, evaluate, interpret and report economic data. Satisfies ABLE requirement for business majors in economics track only. **Prerequisites:** C or better in ECON 211, ECON 212, MATH 155, MATH 160 (or 201), INFO 281. **Three hours per week.**

490. ECONOMICS INTERNSHIP**3 hours credit**

Intern experience in economics. **Prerequisites:** Business economics major, placement approval and permission of the department chair, completion of ABLE Office administrative requirements, successful completion of BUAD 300. **Three hours per week.**

492. SENIOR SEMINAR IN CONTEMPORARY ECONOMIC PROBLEMS**3 hours credit**

Economics majors research problems of their own choosing and present a seminar paper. Focus on problems facing the American and world economies. **Prerequisite:** Economics major with senior status. **Three hours per week.**

494. DIRECTED STUDY IN ECONOMICS**1-3 hours credit**

Supervised study in an area of interest to the advanced student. May be taken twice under different course topics. **Prerequisites:** Junior/senior status and permission of the instructor.

520. GRADUATE SURVEY OF ECONOMICS**3 hours credit**

Introduction to the macro- and micro-economic principles. Examines the constraints and choices imposed on the firm by resource limitations, technology, the domestic and international competitive environments, the growth and stability of aggregate income and a wide range of public policies. The rationale for policies to modify or augment private production and spending decisions will be considered. M.B.A. leveling course. **Prerequisites:** Provisional status in M.B.A. program and MATH 160 and 155 and INFO 111 (or equivalents). **Three hours per week.**

601. BUSINESS ECONOMICS**3 hours credit**

Introduces the fundamentals of microeconomic and macroeconomic theory and their application to the business environment. The key objective is to equip student with the basic skills, insights and decision-making tools that are necessary to make sound business decisions. In addition, understand and explain the forces that shape the external business environment, such as aggregate demand, economic fluctuations, inflation, interest rates, exchange rates, and the role that demand management policies play in the economy and their impact on firm performance. Topical areas include, but are not limited to, the following: demand analysis, determination of costs, pricing, profitability, commercial (trade) policy and international macroeconomic policy. **Prerequisites:** Admission to the M.B.A. program and ECON 211, 212 or 150 (or the equivalent) foundation courses with a grade of C or better. **Six hours per week for half a semester.**

630. ECONOMIC ENVIRONMENT OF THE ORGANIZATION**3 hours credit**

A study of the structure of the financial system and its evolution, money and banking financial institutions, financial capital, the role of the Federal Reserve, and the macroeconomic forces that shape the economy. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

631. MANAGERIAL ECONOMICS**3 hours credit**

Builds upon basic economic principles by addressing specific concerns of managers, such as pricing, forecasting and production decisions. Presents theoretical and empirical analysis of factors affecting behavior of business costs and revenues. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

EDUCATION (ECED, EDCI, EDLD, EDUC, ELED, EMAT, ISED, REED, SCED)

NOTE: Education courses may be repeated only once.

ECED

251. COLLABORATION AND COOPERATION IN EARLY CHILDHOOD COMMUNITIES**3 hours credit**

Emphasizes family-school-community partnerships that promote children's ability to develop and learn. Examines family systems and their roles in the development of young children. Explores many of the challenges faced by today's diverse families and identifies collaboration and involvement practices to meet their needs. Focuses on ethical behavior and professional responsibilities as they relate to young children, their families and communities. Includes clinical experiences. **Prerequisites:** Declared early childhood education or double major. Must be taken the semester prior to applying to the

Professional Teacher Education Program. **Corequisite:** ELED 202. **Three hours per week.**

327. INCLUSIVE EDUCATION FOR YOUNG CHILDREN**3 hours credit**

Develops intervention tools and strategies that optimize the learning potential and well-being of young children in inclusive early childhood settings. Emphasis on collaborative efforts of educators, family and community agencies. Field experience required. **Prerequisites:** Admission to Professional Teacher Education Program, ECED 215. **Three hours per week.**

352. INTEGRATED READING AND LANGUAGE ARTS BIRTH-AGE 4**4 hours credit**

Introduces nurturing, teaching and engaging of children in language acquisition and literacy processes in homes and early childhood settings. Designed for early childhood education candidates. Content deals with language development, reading, writing, speaking, listening, visualizing and visually representing for infants, toddlers and young children. Theoretical frameworks focus on brain development and early literacy research. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week with enhancement.**

356. PLAY AND CREATIVITY IN EARLY CHILDHOOD EDUCATION**4 hours credit**

Emphasizes the value of play and creativity in young children ages birth through 8. Provides a means of experiencing how and why play is essential to children's social, cognitive, physical and emotional development. Explores the development of children's creativity and its relationship to play. Addresses the importance of high-quality and meaningful play and creative experience that are integral to developmentally appropriate practice in the early childhood classroom. Includes clinical experiences. **Prerequisites:** Admission to Professional Teacher Education Program. **Early Childhood Major Prerequisites:** 305/202, ELED 317, 397, ECED 352. **Double Major Prerequisites:** ELED 302, 320, 340, 350, 398. **Three hours per week with enhancement.**

366. INTEGRATING EARLY CHILDHOOD CURRICULUM**4 hours credit**

Explores the goals and methods for integrating an early childhood curriculum to include social studies, mathematics, science and creative arts that focus on the needs of children birth through age 5. Develops skills related to understanding, planning, implementing and evaluating developmentally appropriate, evidence-based curriculum for young children. Emphasis is on understanding young children's developmental stages and developing appropriate learning opportunities, interactions and environments that support each child. Includes clinical experiences. **Double Major Prerequisites:** Admission to Professional Teacher Education Program, ELED 302, 320, 340, 350, 398. **Three hours per week with enhancement.**

451. TEACHING MATHEMATICS IN EARLY CHILDHOOD CLASSROOMS**4 hours credit**

Introduces and explores mathematics teaching as it relates to children birth through grade 3. Attention is given to developmentally appropriate instructional strategies that align with state and national standards. Focuses on pedagogical strategies that promote conceptual understandings and the use of materials that are theoretically and developmentally appropriate for the learning of mathematics. Emphasizes research, diversity, assessment, technology, literacy and mathematics integration. Includes clinical experiences. **Prerequisites:** Admission to Professional Teacher Education Program, ECED 356, ELED 302, 320, 350, 398. **Three hours per week with enhancement.**

452. TEACHING SCIENCE IN EARLY CHILDHOOD CLASSROOMS**4 hours credit**

Introduces and explores the principles of science education with appropriate methodology and pedagogy that focus on the needs of children birth through grade 3. Attention is given to developmentally appropriate practices and inquiry teaching methods that align to national standards. Special emphasis is given to conceptual learning, cognitive experiences, assessment, research, technology and use of instructional materials that are related to the learning of young children theoretically, developmentally and practically. Includes clinical experiences. **Prerequisites:** Admission to Professional Teacher Education Program, ECED 356, ELED 302, 320, 350, 398. **Three hours per week with enhancement.**

453. TEACHING SOCIAL STUDIES IN EARLY CHILDHOOD CLASSROOMS**4 hours credit**

Introduces different modes of disciplinary inquiry compatible with social studies instruction. Teacher candidates develop skills in understanding, planning, delivering and assessing instruction with a focus on sociocultural development and classroom management. Course objectives and activities are based on the College, Career and Civic Life four-stage model of inquiry from the National Council for the Social Studies and align with Maryland state standards for early childhood social studies. Includes clinical experiences. **Prerequisites:** Admission to Professional Teacher Education Program, ECED 356, ELED 302, 320, 350, 398, completion of General Education Group IIIB. **Three hours per week with enhancement.**

455. EARLY CHILDHOOD EDUCATION CLINICAL PRACTICE I**5 hours credit**

Engages in full-time clinical experience with designated mentors in Professional Development School (PDS) sites, progressively assuming the lead-teacher role in the classroom while planning and co-teaching with the mentor. Direct supervision under the direction of a mentor teacher and University supervisor. One, eight-week, full-time, supervised clinical experience in a school. Clinical practice in pre-primary (pre-K or K) or primary (grades 1-3) grade levels. **Early Childhood Major Prerequisites:** ELED 410, 499, ECED 451, 452, 453, admission to Clinical Practice. **Double Major Prerequisites:** ELED 403, 405, 406, 410, admission to Clinical Practice. **Corequisite:** ELED 411. **Minimum of 30 hours per week for eight weeks. (P/F)**

456. EARLY CHILDHOOD EDUCATION CLINICAL PRACTICE II**5 hours credit**

Engages in full-time clinical experience with designated mentors in Professional Development School (PDS) sites, progressively assuming the lead-teacher role in the classroom while planning and co-teaching with the mentor. Direct supervision under the direction of a mentor teacher and University supervisor. One, eight-week, full-time, supervised clinical experience in a school. Clinical practice in pre-primary (pre-K or K) or primary (grades 1-3) grade levels. **Prerequisites:** ELED 410, 499, ECED 451, 452, 453, 455, admission to Clinical Practice. **Corequisite:** ELED 411. **Minimum of 30 hours per week for eight weeks. (P/F)**

EDCI

700 FOUNDATIONS OF RESEARCH**3 hours credit**

Provides the foundation for the research strand of the Ed.D. program. Includes an overview of quantitative and qualitative research design. Addresses basic concepts in measurement and qualitative analyses. Develops strategies for searching,

understanding and applying research literature. Explores perspectives on research, its forms in various contexts, and how it contributes to knowledge and improved practice. Examines institutional requirements for conducting research. **Prerequisite:** Admission to Ed.D. program. **Three hours per week.**

702 STRATEGIES FOR INQUIRY I

3 hours credit

Prepares doctoral students to interpret, evaluate and design quantitative research. Explores major concepts and practices of quantitative research methodology, data collection, analysis and research design. Emphasizes the application of appropriate statistical concepts to practical questions in education policy and evaluation. Includes hands-on exploration of experimental and quasi-experimental design, data collection and analysis procedures, validity, generalizability, and ethics. **Prerequisite:** EDCI 700. **Three hours per week.**

704 STRATEGIES FOR INQUIRY II

3 hours credit

Prepares doctoral students to interpret, evaluate and design qualitative and mixed-methods research. Enhances the ability to select and use appropriate research methods. Examines major concepts and practices of qualitative research methodology, focusing primarily on interpretive and critical theoretical approaches. Includes hands-on exploration of qualitative study design, data collection and analysis procedures, validity, generalizability, and ethics. **Prerequisite:** EDCI 702. **Three hours per week.**

720 DIVERSITY IN EDUCATION

3 hours credit

Explores a global perspective on the richness of diversity in education. Examines important current and emerging education challenges among diverse subgroups, including the potential disconnects between school and homes and other social and cultural environments. Critiques major theoretical lenses on diversity. Enhances ability to identify and apply strategies to ensure educational equity for diverse learners. **Prerequisite:** Admission to Ed.D. program. **Three hours per week.**

722 PERSPECTIVES IN THEORY: LENSES FOR CRITICAL UNDERSTANDINGS OF EDUCATION

3 hours credit

Advances study of theoretical, cultural and social perspectives on education. Examines teaching as situated within particular social contexts and as affected by cultural structures. School-based observation proceeds in concert with theoretical study to provide empirical grounding, scrutiny and synthesis of perspectives. **Prerequisite:** Admission to Ed.D. program. **Three hours per week.**

724 SOCIAL CONTEXT OF CURRICULUM

3 hours credit

Investigates major schools of thought through historical and contemporary lenses. Examines social, political and philosophical dimensions of education and their impact on instruction, curriculum design and evaluation. Curriculum inquiry and theoretical analysis provide avenues for discussion of crucial themes. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

728 UNDERSTANDING INSTRUCTION AND ASSESSMENT TO IMPROVE LEARNING

3 hours credit

Explores foundational psychological concepts through current research on teaching practices. Examines the intersection of neuroscience and educational practices. Investigates contrasting theories of learning and their utility for explaining and addressing educational problems. Provides advanced study of assessment for the reflective practitioner to collect, critique and utilize a broad range of assessment data to improve instruction and learning. Builds understandings of

the diverse types of assessment data that can inform and support differentiated learning. Develops critical reflection on potential biases and benefits of various assessment tools and how those tools can be best used to make effective instructional decisions. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

730 LEARNING, INSTRUCTION AND TECHNOLOGY

3 hours credit

Explores the utility of technological products, processes and innovations for curriculum design, development, practice and assessment. Emphasizes effective instructional design and teaching methods when utilizing technology as a medium for learning. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

740 ORAL DISCOURSE, COGNITION AND DIVERSITY

3 hours credit

Examines cultural/social, historical, theoretical and cognitive perspectives on oral language use in societies. Investigates how oral discourse patterns in cultures/homes and in schools shape cognition and ways of communicating and understanding. Develops knowledge of the ways diverse oral discourse patterns and cognitive structures improve all students' literacy and learning when adaptations are made in classrooms. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

742 WRITING: THEORY, RESEARCH AND PRACTICE

3 hours credit

Develops in-depth knowledge of critical assumptions about writing and writing pedagogy from the perspectives of social, cultural and cognitive processes. Explores connections between writing and other communicative and literate processes. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

744 COMPREHENSION AND STRATEGIC LEARNING: THEORY, RESEARCH AND PRACTICE

3 hours credit

Examines research on comprehension and its instruction at all levels of development. Develops knowledge about comprehension, metacognition and strategic behavior, and focuses on applying that knowledge to enhance student learning. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

746 DIVERSITY, LITERATURE AND NEW MEDIA ACROSS THE CURRICULUM

3 hours credit

Examines theoretical and practical understandings of culturally responsive literacy practices, with an emphasis on expanding knowledge of children's and young adult literature and informational texts. Examines the potential use of both traditional and new media formats across the curriculum. Develops and applies understanding and appreciation of multicultural, multilingual and diverse literature. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

748 LANGUAGE, LITERACY AND REPRESENTATION AS TOOLS FOR INQUIRY ACROSS THE CONTENT AREAS

3 hours credit

Investigates speaking, listening, reading, writing, viewing and visually representing as tools to demonstrate thinking and learning across the curriculum. Provides strategies for teachers to encourage higher order thinking in content learning in P-12 classrooms through student-as-researcher models of inquiry-based learning. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

750 LITERACY POLICY AND PRACTICE ANALYSIS

3 hours credit

Examines the history of literacy paradigm shifts that influence global, national, state and local policies. Critically evaluates policy impact on literacy practices in schools and classrooms. Develops recommendations that empower educators to make instructional decisions that meet the literacy needs of diverse students in contemporary contexts. **Prerequisites:** Admission to Ed.D. program, EDCI 700. **Three hours per week.**

800. RESEARCH SEMINAR I: WRITING THE LITERATURE REVIEW

3 hours credit

Guided research seminar for conducting a pilot project that will lead to a dissertation proposal. Established as a Literacy Scholar Community (LSC) in which students are mentored in authentic research and academic writing discourses as they explore a significant literacy issue from their community of practice. **Prerequisites:** Admission to Ed.D. program, permission of Ed.D. director.

801. RESEARCH SEMINAR II: CONDUCTING A PILOT PROJECT

3 hours credit

Guided research seminar for completion of a comprehensive literature review that will lead to a pilot project and dissertation proposal. Established as a Literacy Scholar Community (LSC) in which students are mentored in authentic research and academic writing discourses as they explore a significant literacy issue from their community of practice. **Prerequisites:** Admission to Ed.D. program, permission of Ed.D. director, EDCI 801.

805 DISSERTATION I

3 hours credit

Development of proposal for dissertation research and submission of research protocol in Institutional Review Board for approval. **Prerequisites:** Admission to Ed.D. program, advancement to candidacy. **Three hours per week. (P/F)**

810 DISSERTATION II

6 hours credit

Dissertation research. **Prerequisites:** Admission to Ed.D. program, advancement to candidacy, EDCI 805. **Six hours per week. (P/F)**

815 DISSERTATION III

1-3 hours credit

Additional dissertation enrollment following the first nine hours until the semester of defense. Should a student not complete the dissertation work required during EDCI 810, then enrollment in this course is required each semester until completion. **Prerequisites:** Admission to Ed.D. program, advancement to candidacy, EDCI 805, EDCI 810. **One-three hours per week (P/F)**

820 DISSERTATION IV

3 hours credit

Completing research, production of the dissertation and defense. The student must enroll for three credits in the semester of the dissertation defense. **Prerequisites:** Admission to Ed.D. program, advancement to candidacy, EDCI 805, EDCI 810. **Three hours per week. (P/F)**

EDLD

510. EDUCATIONAL LEADERSHIP AND TECHNOLOGY

3 hours credit

Enables school administrators to utilize technology to increase student achievement as well as to understand the effective use of educational technology in the classroom. Students investigate the issues that surround the use of technology in an educational setting, as well as develop the skills

and understandings needed to meet the national Technology Standards for Administrators. **Prerequisites:** Basic computer skills (file management, word processing, e-mail, Internet searches). **Three hours per week.**

512. EDUCATIONAL RESEARCH AND EDUCATIONAL LEADERSHIP

3 hours credit

Examination of the use of evaluation research as a basis for decisions about educational programs, products and goals with the aim of providing the educational leader with valid and reliable evidence upon which to base the program decisions. **Three hours per week.**

514. ALIGNING CURRICULUM, INSTRUCTION AND ASSESSMENT

3 hours credit

Equips candidates with skills to become educational leaders who have the knowledge and ability to promote the success of all students by providing an effective instructional program, monitoring the alignment of curriculum, instruction and assessment, and applying best practices to student learning. **Three hours per week.**

516. P-12 SCHOOL ADMINISTRATION

3 hours credit

Analysis of the responsibilities of the school administrator, including procedures for staff organization, professional development, curriculum development, scheduling, pupil personnel services and other facets of school administration. **Prerequisites:** EDLD 510, 512. **Three hours per week.**

517. SUPERVISION TO IMPROVE INSTRUCTION

3 hours credit

Designed to equip school administrators with the competencies and skills to improve instructional practices through the purposeful observation and evaluation of teachers and other school personnel resulting in the design of comprehensive professional growth plans and effective professional development strategies. **Prerequisite:** EDLD 510, 512. **Three hours per week.**

550. LEADERSHIP AND CHANGE

3 hours credit

Focuses on the need for educational leaders to develop the knowledge and ability to promote the success of all students by facilitating the development, articulation, implementation and stewardship of a school vision. Emphasis is placed upon the use of collaboration to develop a culture of learning focusing upon the change process and continuous improvement. **Prerequisite:** EDLD 516. **Three hours per week.**

552. DIVERSITY AND GROUP DYNAMICS IN SCHOOL ADMINISTRATION

3 hours credit

Content consists of the study of diversity and group development within educational settings. An emphasis is placed on diverse communities, collaboration, decision making and communication theory, and the development of programs that address student diversity, community relations and the media. **Prerequisites:** EDLD 516, 517. **Three hours per week.**

555. PUBLIC SCHOOL FISCAL AND HUMAN RESOURCE MANAGEMENT

3 hours credit

Focuses on the need for educational leaders to use their knowledge of organizational theory to create a learning environment that promotes the success of all students. Emphasis is placed on the allocation of resources such as personnel, facilities and technology to create an effective learning environment. Students investigate management issues dealing with the alignment of fiscal and human resource functions to the success of all students. **Prerequisites:** EDLD 516, 517, 552. **Three hours per week.**

556. EDUCATIONAL LEADERSHIP INTERNSHIP / ISSUES ANALYSIS**3 hours credit**

Provides significant opportunities for candidates to synthesize and apply the knowledge and practice of effective school leaders in educational settings. Each candidate selects an issue to analyze and develops appropriate strategies throughout the internship to improve student learning. Must be taken two successive semesters to successfully complete internship requirements. Repeatable for a maximum of six credits. **Prerequisites:** Completion of all courses in the M.Ed. in School Administration and Supervision Program sequence or by permission of the instructor. **Nine hours internship per week.**

EDUC**210. SCHOOL IN A DIVERSE SOCIETY****3 hours credit**

Sociological, historical and philosophical approach to the role of the school in an increasingly diverse society. Emphasis on development of knowledge, values and skills needed to live, learn, interact and work in a global society. Field experience required. Credit may not be received for both EDUC 210 and 305. **Three hours per week.**

409. LITERATURE FOR ADOLESCENTS**3 hours credit**

Study of literature for and about contemporary adolescents. Emphasis on methods of teaching that build adolescent appreciation for the more established literary selections in secondary school curriculum. **Prerequisite:** Admission to the Professional Teacher Education Program. **Three hours per week.**

440. INTRODUCTION TO EARLY CHILDHOOD EDUCATION**3 hours credit**

Introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. Attention to art, music, nutrition, safety, health education, motor activities and positive teacher-parent relations. Field experience required. **Prerequisites:** EDUC 300 and declared elementary education major. **Three hours per week.**

463. SEMINAR IN HEALTH EDUCATION**3 hours credit**

Designed to facilitate the transition of candidates from the role of student to professional. Provides a forum for discussion of issues pertinent to current practices, trends and issues in health education during the student teaching experience. **Prerequisites:** Admission to Professional Teacher Education Program, student teaching criteria. **Corequisite:** EDUC 462. **Three hours per week. (P/F)**

470. PRACTICUM IN MIDDLE SCHOOL SCIENCE EDUCATION**3 hours credit**

Provides theoretical background and practical experience with current trends and issues in middle school science education. Consists of a distributed practicum in which candidates take part in a series of encounters in middle school classrooms, schools and/or afterschool programs requiring at least three hours per week in field placements. Not all of those encounters are necessarily in the same placement, but all are under the mentorship of a middle school science teacher. In conjunction with the practical encounters, candidates read appropriate background literature relating to middle school science instruction and complete assignments that combine ideas from reflections from their practical experiences, readings and additional resources located by the candidate. Additional 1.5 hours per week meeting with the

instructor may be scheduled as needed. **Prerequisites:** EDUC 210, 304; ELED 312; 15 credits of science from at least three science department prefixes and junior standing; admission to Professional Teacher Education Program (PTEP) or permission of instructor. Candidates not accepted into the PTEP have to demonstrate readiness to work directly with middle school candidates in terms of knowledge, skills and dispositions, and may have to meet other requirements imposed by the school system for individuals working with children in the school. **Four hours per week.**

475. METHODS AND MATERIALS IN ENVIRONMENTAL EDUCATION**3 hours credit**

Increases students' awareness of their immediate environment with the aim of developing a broad philosophy of environmental education. Existing teaching methods and materials analyzed and new methods developed for use in interdisciplinary, problem-focused situations. **Prerequisite:** Senior standing. **Three hours per week.**

491. INDEPENDENT STUDY**1-3 hours credit**

Permits self-study of problems not considered in other courses. May be taken twice under different subtitles. **Prerequisite:** Approval of course instructor and department chair.

500. HISTORICAL, PHILOSOPHICAL AND SOCIAL FOUNDATIONS**3 hours credit**

Selected topics in intellectual and educational history from the time of ancient Greece to the present. The relation of education to historic traditions and social trends. **Three hours per week.**

502. INTRODUCTION TO RESEARCH**3 hours credit**

Introduction to quantitative and qualitative methods of scientific inquiry. Gain experience in the use, interpretation and application of research to solve organizational and instructional problems. Must be taken within the first 12 hours of M.Ed. program. **Three hours per week.**

503. CLASSROOM MANAGEMENT**3 hours credit**

Aids teachers in developing practical skills needed to manage their classes more effectively. Recent research related to effective management techniques and its application in classrooms will be considered. Appropriate management strategies will be selected, implemented and evaluated in the classroom. **Prerequisite:** Admission to graduate study. **Three hours per week.**

504. DIVERSITY IN A DEMOCRACY**3 hours credit**

Examination of contemporary cultural diversity within the United States educational environments. Special attention given to cultural problems and issues that influence opportunities and performance in educational institutions. Human relations skills considered for improving success within culturally diverse populations. Must be taken within the first 12 hours of M.Ed. program. **Prerequisite:** Admission to graduate study. **Three hours per week.**

506. SEMINAR IN TEACHING OF MATHEMATICS**3 hours credit**

Analysis of recent theory and results of research for the teaching of mathematics. Students investigate developments at either the elementary or secondary school level. **Three hours per week.**

507. TESOL INTERNSHIP I**3 hours credit**

One full-time, seven week clinical experience provides oppor-

tunity to actualize the latest educational research and theory into practice, including, but not exclusive to: observation, mini-teaching, macro-teaching, whole group lessons and action research. Conducted under the direct supervision of a clinical supervisor. **Prerequisites:** Completion of all course work in the M.A./TESOL certification sequence prior to the internship, with an overall program GPA of 3.0; passing scores on Praxis Core. **Corequisites:** EDUC 509 and 511. **Three hours per week.**

508. SEMINAR: RESEARCH IN HUMAN DEVELOPMENT**3 hours credit**

Survey of research techniques and findings in the field of human growth and development. Research related to developmental characteristics of students considered. **Prerequisite:** EDUC 300 or permission of instructor. **Three hours per week.**

509. TESOL INTERNSHIP II**3 hours credit**

One full-time, seven week clinical experience provides opportunity to actualize the latest educational research and theory into practice, including, but not exclusive to: observation, mini-teaching, macro-teaching, whole group lessons and action research. Conducted under the direct supervision of a clinical supervisor. **Prerequisites:** Completion of all course work in the M.A./TESOL certification sequence prior to the internship, with an overall program GPA of 3.0; passing scores on Praxis Core. **Corequisites:** EDUC 507 and 511. **Three hours per week.**

510. SEMINAR: RECENT ISSUES IN EDUCATION**3 hours credit**

Analysis of selected issues in education. Students required to survey and critically evaluate pertinent research on at least one issue. **Three hours per week.**

511. TESOL INTERNSHIP SEMINAR**3 hours credit**

Forum for discussing problems encountered during the internship. Colloquium for developing strategies to resolve problems. **Prerequisites:** Completion of all course work in the M.A./TESOL sequence prior to the internship and passing scores on the Praxis Core. **Corequisites:** EDUC 507, 509. **Three hours per week.**

512. SEMINAR IN THE TEACHING OF SOCIAL STUDIES**3 hours credit**

Analysis of theory and research in the social sciences as applied to developing and teaching social studies at either the elementary or secondary school level. **Three hours per week.**

513. SEMINAR IN THE TEACHING OF SCIENCE**3 hours credit**

Analysis of recent advances in the teaching of science and the development of skills in applying these to classroom teaching at the elementary or secondary school level. **Three hours per week.**

515. EASTERN SHORE WRITING PROJECT SUMMER INSTITUTE**3-6 hours credit**

Explores current theories about the composing process and their implications for teaching writing and using writing to teach other content areas. Focuses on adapting and evaluating classroom activities for different grade levels and educational settings. Cross-listed with ENGL 515. **Prerequisite:** Permission of the instructor. **Three or six hours per week.**

527. SPECIAL TOPICS IN MATHEMATICAL PEDAGOGY**3 hours credit**

Examines current trends and issues in elementary/early childhood mathematics pedagogy. Focuses on helping educators

understand and facilitate mandated and non-mandated curricular changes that have the real potential to improve the teaching and learning of mathematics at the elementary and early childhood levels. Focuses on research-based teaching/learning processes that facilitate conceptual and critical understandings of mathematics as well as the required mathematical understandings that teachers need in order to teach in conceptual ways. **Prerequisite:** Admission to graduate study. **Three hours per week.**

531. CREATIVITY AND THE ARTS IN EDUCATION**3 hours credit**

The arts are a vital element in education. Numerous studies from the past decade suggest that the arts increase student achievement. Explore those studies and the understanding of the brain research behind creativity and arts integration in education through readings, discussion and analyses of multiple texts. **Prerequisite:** Admission to graduate study. **Three hours per week.**

533. FOUNDATIONS OF EARLY CHILDHOOD EDUCATION**3 hours credit**

Explores the historical and philosophical foundations of early childhood education. Includes an introduction to curriculum and methods with an emphasis on theories, practices, strategies and materials. **Three hours per week.**

545. LEARNING, INSTRUCTION AND ASSESSMENT IN THE SCHOOLS**3 hours credit**

Identification of classroom problems and issues related to and involving instruction, learning and student assessment; the development and application of strategies to aid in resolving issues and solving problems; and the coordination of student characteristics and environmental factors to improve the quality of learning experiences in the schools; and the exploration of the relationship between assessment and instruction. Must be taken within the first 12 hours of M.Ed. program. **Prerequisite:** Admission to graduate study. **Three hours per week.**

547. ESOL METHODS**3 hours credit**

The study of philosophy, aims and methods of teaching English as a second language in grades 1-12 with emphasis upon theories, techniques and materials in current use. Graduate scholarship expected. **Prerequisite:** ENGL 536 or permission of instructor, admission to the Professional Education Program. **Three hours per week.**

558. PRACTICUM FOR TEACHING PROFESSIONALS**3 hours credit**

A five-week course under the direction of an experienced teacher/mentor and a University supervisor that provides classroom experience in an additional area of teaching certification for those who already hold certification in one area. Interns will observe teaching, participate in work with children, participate in planning sessions, teach and participate in all activities for which regularly employed teachers are responsible. **Prerequisites:** Teaching certification, all requirements for the additional certification area sought, at least six graduate credits at SU, graduate GPA 3.0 or higher, permission of M.Ed program coordinator. **Three hours per week.**

559. THE HOLOCAUST AND SOCIAL JUSTICE ACROSS THE DISCIPLINES**3 hours credit**

Educators from all disciplines engage in interdisciplinary examination of methods of teaching the Holocaust and social justice issues. Emphasis is placed on pedagogical choices when teaching social justice topics. Creative and writing-intensive strategies are emphasized. **Three hours per week.**

560. COLLEGE TEACHING**3 hours credit**

Research-based investigation of theories and practices involved in teaching in institutions of higher education. Intended for graduate students aspiring to college teaching or academic leadership positions. Examines the roles and responsibilities of college instructors with emphasis on practical applications in college and university settings. **Three hours per week.**

561. SEMINAR: ISSUES AND TRENDS IN POSTSECONDARY EDUCATION**3 hours credit**

Opportunities for research-based examination of selected current issues in postsecondary education and for students to share the efforts of their investigations on topics of interests. **Three hours per week.**

562. COLLEGE STUDENT DEVELOPMENT THEORY**3 hours credit**

Explores college student development, utilizing the approach of practice to theory to practice. Students conceptualize how college students grow and develop during the critical college years. Students are challenged to hypothesize and theorize en route to creating developmentally based practical applications. The process results in the practitioner's ability to consider developmental implications for all student interactions. **Prerequisite:** EDUC 502. **Three hours per week.**

563. TEACHING ADULTS**3 hours credit**

For students in the post-secondary education track of the M.Ed. program and those in other fields seeking information and contemporary methods of effective adult instruction. Assumes no prior knowledge or experience about instructional methods, theories or practices. **Three hours per week.**

567. COLLABORATIVE TEACHING AND MENTORING**3 hours credit**

Seeks to equip teachers with strategies for co-teaching and mentoring interns, novice teachers and paraprofessionals. While the primary focus will be on the intern-mentor relationship in professional development school (PDS) settings, the strategies of collaboration, differentiation of instruction and mentoring are relevant for all teachers. **Three hours per week.**

570. CURRENT ISSUES IN EDUCATIONAL TECHNOLOGY**3 hours credit**

Examines selected current issues in educational technology. Focuses on the impact of technology on schools and global society, safety issues, the digital divide and the impact of distance learning. Introduces a framework for teacher knowledge of technology integration. Research topics and prepare multimedia presentations. Must be taken within the first 12 hours of M.Ed. program. **Prerequisites:** Admission to graduate study and basic computer skills (file management, word processing, Web-based communication and researching skills). **Three hours per week.**

571. WEB-BASED TEACHING AND LEARNING**3 hours credit**

Examines the use of emerging Web-based technologies that enhance learning environments. Develops pedagogy to use Web-based tools that promote collaborative projects, global correspondence with teachers and students, gathering and analyzing data, and conducting research in K-16 learning environments. Explores lesson design for integrating Web-based technology into classrooms. **Prerequisites:** Admission to graduate study, EDUC 570 and basic computer skills (file management, word processing, Web-based communication and researching skills). **Three hours per week.**

578. SEMINAR IN TEACHING SECONDARY ENGLISH**3 hours credit**

Engages students in in-depth examination of current issues in literacy instruction for secondary students. General nature of issues remains constant but particular focus varies semester to semester, to reflect current thought. **Three hours per week.**

579. TRENDS IN ELEMENTARY LITERACY EDUCATION**3 hours credit**

Grounds methods of teaching language and literacy in current knowledge and theory of language and literacy acquisition. Students take an active role in building personal theory to guide their practice in elementary literacy instruction. **Three hours per week.**

580. TRENDS IN MATHEMATICS AND SCIENCE EDUCATION IN THE ELEMENTARY SCHOOL**3 hours credit**

Critical review and analysis of current issues, research and practices in the teaching and learning of science and mathematics in the elementary school. Emphasis on exploring the expanding knowledge base in each discipline. **Three hours per week.**

581. TRENDS IN SOCIAL STUDIES EDUCATION IN THE ELEMENTARY SCHOOL**3 hours credit**

Examines the current perspectives, trends, issues and controversies in the field of social studies education, both in relation to content and pedagogy. Considers social studies in terms of its relationship to the social science disciplines. **Three hours per week.**

582. TEACHING READING IN THE CONTENT AREAS: PART I**3 hours credit**

Provides knowledge of the reading process, instructional strategies and materials used, drawn from research-based recommendations for using text in secondary content areas. Intended for M.Ed. candidates and other in-service teachers. **Three hours per week.**

583. TEACHING READING IN THE CONTENT AREAS: PART II**3 hours credit**

Provides in-depth study of literacy needs of diverse populations. Includes instructional and assessment methods in reading and writing. Intended for all secondary and K-12 teachers. **Three hours per week.**

585. TECHNOLOGY TOOLS FOR TEACHING AND LEARNING**3 hours credit**

Examines the use of graphics, productivity tools and interactive technologies to enhance learning. Develops ability to plan, organize and design products that effectively communicate information and challenges the use of specific tools to solve problems. Uses technology applications to design and develop interactive learning environments to support authentic, constructivist, problem-based learning for all learners. Critically evaluates tools appropriate for learners. **Prerequisites:** Admission to graduate study, EDUC 570 and basic computer skills (file management, word processing, Web development, Web-based communication and researching skills). **Three hours per week.**

588. SEMINAR: EDUCATING INDIVIDUALS WITH DISABILITIES**3 hours credit**

Special education services and issues from the perspective of elementary and secondary teachers. Focus on the inclusion model for various categories of disability. **Prerequisite:** EDUC 502.

590. SEMINAR IN EDUCATION**3 hours credit**

Topics vary semester to semester. May be taken twice under different course subtitles. **Prerequisite:** Permission of instructor.

592. SPECIAL TOPICS IN TECHNOLOGY**3 hours credit**

Focuses on specific content areas and investigates strategies for integrating technology into performance-based teaching and learning to enhance student achievement. Students design performance-based teaching and assessment tasks that integrate technology into curriculum. Topics and issues will change to focus on different subject areas. May be repeated once under different topic. **Prerequisites:** EDUC 571, 589. **Three hours per week.**

619. THE LAW AND PUBLIC EDUCATION**3 hours credit**

Study of school law which affects the teacher and the public school. Nature and scope of school law considered as generally applied to the purpose and functions of the school system. **Prerequisite:** EDUC 502 and any two 500-level EDUC courses. **Three hours per week.**

620. LEGAL ISSUES IN HIGHER EDUCATION**3 hours credit**

Introduction to important legal concepts and case law that influence decision making in post-secondary educational contexts. Topics include a general overview of legal concepts and case law (mainly federal case law) from around the country on the following issues: college governance, faculty freedom and tenure, student rights and responsibilities, liability, disability access, and athletics. **Prerequisite:** Admission to graduate study. **Three hours per week.**

630. DIRECTED RESEARCH**3-6 hours credit**

Preparation of optional research project in master's degree program under direction of departmental supervision.

632. CLASSROOM ASSESSMENT**3 hours credit**

Examination of the role of evaluation in assessing classroom learning. Evidence of student learning gathered from traditional and alternative assessment practices. Benefits and limitations of these assessment practices identified. **Prerequisites:** EDUC 502 and any two EDUC 500-level courses. **Three hours per week.**

634. EARLY CHILDHOOD CURRICULUM AND ASSESSMENT**3 hours credit**

Analysis of early childhood program models, curricula and assessment methods. Examines philosophical and theoretical orientations, related research and societal needs. **Prerequisite:** EDUC 502 and any two EDUC 500-level courses. **Three hours per week.**

636. CREATIVITY IN EARLY CHILDHOOD EDUCATION**3 hours credit**

In-depth study of the creative process and the techniques that will promote creativity. **Prerequisite:** EDUC 502 and any two EDUC 500-level courses. **Three hours per week.**

638. LANGUAGE DEVELOPMENT IN EARLY CHILDHOOD**3 hours credit**

Advanced study of the development of language, literacy and communication skills in children, birth through age eight. Examines current issues and research with emphasis on classroom application. **Prerequisite:** EDUC 502 and any two EDUC 500-level courses. **Three hours per week.**

665. INTERNSHIP IN POSTSECONDARY EDUCATION**3 hours credit**

Supervised, on-site field experiences and a series of seminars with other interns. Experimental learning enhanced by guided readings, interaction with professional practitioners, participation in activities of the host agency, completion of a major project and seminar discussions. **Prerequisite:** Permission of M.Ed. coordinator.

689. MULTIMEDIA IN THE CONSTRUCTIVIST CLASSROOM**3 hours credit**

Examines advanced multimedia authoring tools for designing K-16 classroom instruction. Develops multimedia skills such as audio, video, graphics, interactive PowerPoint and Web 2.0 multimedia tools. Examines principles of constructivism, lesson design for project-based learning and assessment strategies. **Prerequisite:** Intermediate computer skills (file management, word processing, Internet searching, PowerPoint), EDUC 570, any two EDUC 500-level courses. **Three hours per week.**

691. DIRECTED INDEPENDENT STUDY**1-3 hours credit**

Permits self-study of problems not considered in other courses. May be taken twice under different course subtitles. **Prerequisites:** Approval of course instructor and M.Ed. coordinator. EDUC 502 and six additional graduate credits.

694. LEADERSHIP AND TECHNOLOGY FOR SCHOOL IMPROVEMENT**3 hours credit**

Examines the role of professional development in the process of school improvement. Focuses on research and best practices for most effective uses of technology, literature on the change process, professional development standards and use of technology to address goals for school improvement. Examines strategies for providing effective professional development and creates professional development plans for the school setting. **Prerequisite:** EDUC 570, any two additional graduate-level technology courses. **Three hours per week.**

695. RESEARCH SEMINAR**3 hours credit**

Capstone experience for students in the M.Ed. program. Students utilize research skills in completing a project based on a topic related to their concentration. Project must be presented to a professional audience. Students also reflect on how the M.Ed. program has made a difference in their professional lives. **Prerequisites:** EDUC 502, 24 hours of M.Ed. graduate credit.

ELED**201. INTRODUCTION TO TEACHING****1 hour credit**

Provides a comprehensive orientation to the teaching profession. The theoretical content and field-based experience help candidates gain an informed overview of the dimensions of public education in the United States. Examine and critique historical, philosophical and intellectual foundations of the American education system that includes school organization and governance, ethical and legal matters, social roles, curriculum, major trends, and current educational issues. Develop a broad understanding of teaching certification and licensure and reflect on personal interests in a teaching career. **One hour per week.**

202. TECHNOLOGY IN EDUCATION**4 hours credit**

Emphasizes the role of technology for teaching and learning in pre-K-6 classrooms. Provides experiences with computer-

based and mobile applications. Explores traditional and emerging technologies that enhance the learning experience for students, including digital images, video, Internet and interactive technologies as a means of developing meaningful learning experiences. Addresses Maryland state technology standards for teachers as well as national technology standards for teachers and students. Includes clinical experiences. **Prerequisites:** Declared elementary education, early childhood or double major. Must be taken during semester prior to applying to the Professional Teacher Education Program. **Early Childhood and Double Major Corequisite:** ECED 251. **Three hours per week with enhancement.**

302. INTEGRATED READING AND LANGUAGE ARTS GRADES K-3

4 hours credit

Introduces the teaching of language acquisition and literacy processes for education candidates. Includes language development, word recognition, vocabulary and comprehension through the integrated language arts of reading, writing, speaking, listening, visualizing and visually representing. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Early Childhood and Double Major Prerequisites:** ECED 352, ELED 305/202, 317, 397. **Three hours per week with enhancement.**

305. LEARNING AND ASSESSMENT FOR DIVERSE CLASSROOMS

4 hours credit

Examines concepts, principles, theories and research related to the teaching and learning of children in grades pre-K-6. Focuses on research as it relates to learning theories, cognitive processes, motivation and learner differences. Explores formative and summative assessment strategies to support, verify and document student learning and improve teacher performance. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week with enhancement.**

309. CLASSROOM VISITATIONS

0 hours credit

Students in either the elementary and early childhood Professional Teacher Education Program (PTEP) must take ELED 309 along with any 300-level methods classes, unless the student is enrolled in ELED 409. Students who are taking 400-level PTEP classes but are not taking ELED 409 also sign up for ELED 309 concurrently with those classes. ELED 309 involves students in school field placement in which they make classroom observations and/or take part in other professional activities (e.g., team planning) that are appropriate to the methods classes being taken concurrently. Plan to spend at least one hour per week in classroom observations and/or professional activities at field placement for each methods class being taken. **Prerequisite:** Admission to Professional Teacher Education Program. **Corequisite:** Any of the following elementary professional education courses: ELED 310, 311, 312, 313, 316, 317, 408*, 415*, 416*, 427* (*unless enrolled in ELED 409).

317. INTEGRATING AESTHETIC EXPERIENCES INTO TEACHING AND LEARNING

4 hours credit

Introduces aesthetic educational theory as it relates to the aims, curriculum, organization and teaching/learning of the arts (music, drama, dance and visual arts). Presents a basic working knowledge of the arts and the pedagogical strategies used to implement and integrate the arts into and through the pre-K-6 curriculum. Emphasis is placed on state and national standards and curricular integration. A focus is placed on theories that ground creative arts instruction, research-based benefits that are shown to improve academic achievement, and pedagogical strategies that focus on hands-on learning and creativity development. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week with enhancement.**

320. TEACHING DIVERSE LEARNERS

4 hours credit

Introduces core concepts and contemporary perspectives in the field of special education. Explores important topics that include the history of special education, current legislation, personnel and procedures, collaboration with parents/guardians and service providers, and needs of diverse learners, including English Language Learners and those who are gifted and talented. Identifies, applies and critiques effective research-based instructional approaches to teaching learners who have different needs. Incorporates realities of inclusive practices and provides opportunities for candidates to triangulate and reflectively apply course content through clinical experiences. Emphasizes the development of a professional disposition that values human differences. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Early Childhood and Double Major Prerequisites:** ECED 352, ELED 305/202, 317, 397. **Elementary Major Prerequisites:** ELED 302, 305/202, 317, 397. **Three hours per week with enhancement.**

330. INTEGRATED READING AND LANGUAGE ARTS GRADES 3-6

4 hours credit

Introduces the teaching of language and literacy processes for grades 3-6. Designed for elementary teacher education candidates. Covers content related to continued development of language and vocabulary, and comprehension through the integrated language arts of reading, writing, speaking, listening, visualizing and visually representing. Apply knowledge of reading and writing strategies, as well as oral language development, to design and implement lessons and teaching activities. Analyze and respond to classroom situations considering different aspects of diversity and how it is framed within the schooling system. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Elementary Major Prerequisites:** ELED 302, 305/202, 317, 397. **Double Major Prerequisites:** ELED 302, 320, 340, 350, 398. **Three hours per week with enhancement.**

340. BUILDING CLASSROOM COMMUNITY

4 hours credit

Examines philosophical, theoretical and practical models of classroom management to develop positive learning communities and manage student behavior. Includes assessing stages of group development, analyzing use of classroom space, establishing rules and procedures, communicating effectively with stakeholders, monitoring dimensions of wellness and resiliency, and applying best strategies to create a classroom management plan. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Elementary Education Prerequisites:** ELED 302, 305/202, 317, 397. **Double Major Prerequisites:** ECED 352, ELED 305/202, 317, 397. **Three hours per week with enhancement.**

350. LITERATURE FOR CHILDREN

4 hours credit

Emphasizes knowledge necessary for an appreciation and understanding of children's literature, its historical development, major genres in the field, contemporary issues, debates about children and literature written for them, and the literacy terms relevant to the study of literature written for children. In addition to reading critically acclaimed works of both fiction and nonfiction, examine poetry, folklore and digital stories and the relationship between graphic narrative and text. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Early Childhood and Double Major Prerequisites:** ECED 352, ELED 305/202, 317, 397. **Elementary Major Prerequisites:** ELED 302, 305/202, 317, 397. **Three hours per week with enhancement.**

390. STUDIES IN ELEMENTARY EDUCATION

1-4 hours credit

Focused study of a particular topic, trend and/or issue relevant to elementary education. May be taken twice under different course titles. **Prerequisite:** Permission of the instructor. **Three hours per week.**

397. DIVERSITY AND THE SELF

1 hour credit

Reviews theories and aspects of cultural competence most relevant to teaching in diverse classrooms. Explores the ideals of freedom, democracy, justice, equality, equity and human dignity from the perspective of the individual. Provides experiences that heighten candidates' diversity awareness and sensitivity. Examines different kinds of beliefs, attitudes, values and practices that foster cultural and linguistic competence at the individual level. The instructor may use different medium to study the topic. **One hour per week.**

398. DIVERSITY AND THE FAMILY

1 hour credit

Reviews theories and aspects of cultural competence most relevant to teaching in diverse classrooms. Explores the ideals of freedom, democracy, justice, equality, equity and human dignity from the perspective of the family. Provides experiences that heighten candidates' diversity awareness and sensitivity. Examines different beliefs, attitudes, values and practices that foster cultural and linguistic competence at the family level. The instructor may use different medium to study the topic. **One hour per week.**

403. TEACHING SCIENCE IN ELEMENTARY CLASSROOMS

4 hours credit

Introduces dimensions of science instruction that facilitate student learning in elementary schools. Attention is given to the skills necessary for placing learners in the position of investigator, planning and teaching inquiry-based lessons, and conducting formative and summative assessment. Emphasis is on aligning to state and national science education standards and initiatives, such as STEM education and environmental literacy. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Elementary Major Prerequisites:** ELED 320, 330, 340, 350, 398. **Double Major Prerequisites:** ECED 356, 366, ELED 330, 499. **Three hours per week with enhancement.**

405. TEACHING SOCIAL STUDIES IN ELEMENTARY CLASSROOMS

4 hours credit

Introduces discipline-based inquiry for promoting democratic citizenship through the social studies. Focuses on building content knowledge and instructional strategies in history, geography, political science, cultural studies and economics. Course objectives and activities are based on the College, Career and Civic Life four-stage model of inquiry from the National Council for the Social Studies and align with Maryland state standards for elementary social studies. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Elementary Major Prerequisites:** ELED 320, 330, 340, 350, 398. **Double Major Prerequisites:** ECED 356, 366, ELED 330, 499, completion of General Education Group IIIB. **Three hours per week with enhancement.**

406. TEACHING MATHEMATICS IN ELEMENTARY CLASSROOMS

4 hours credit

Emphasizes the teaching of mathematics to students in grades 1-6. Focuses on developmentally appropriate instructional strategies that align to national standards and promote conceptual understandings. Attention is placed on the teaching and learning of mathematics as it relates to research, theory, pedagogy, content, diversity, assessment, technology, lit-

eracy and integration. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Elementary Major Prerequisites:** ELED 320, 330, 340, 350, 398. **Double Major Prerequisites:** ECED 356, 366, ELED 330, 499. **Three hours per week with enhancement.**

409. CLASSROOM VISITATION

0 hours credit

Students in either the elementary and early childhood Professional Teacher Education Program (PTEP) must take ELED 409 in a semester immediately prior to or following the semester in which ELED 401 and 402 are taken. ELED 409 is considered part of the student's professional internship. Spend at least one full day per week in classroom observations and/or professional activities at the field placement, as well as additional days during University breaks. Keep the same in-school hours as professionals in placement (i.e., with respect to contracted arrival and departure times, and out-of-school meetings such as parent conferences). Accrue and log at least 20 days of internship during ELED 409. This time should be in full-day increments as much as possible, and no less than half-day increments may be counted. Time spent in the field placement for ELED 409 may not be counted concurrently with ELED 309. If ELED 309 and ELED 409 are taken in the same semester, the two field placement time commitments must be scheduled and logged separately. **Prerequisite:** Admission to Professional Teacher Education Program. **Corequisite:** Any of the following elementary professional education courses: ELED 408, 415, 416, 427, when taken as part of the 20-day internship block. **Six hours per week.**

410. LITERACY ASSESSMENT AND INTERVENTION

4 hours credit

Introduces and applies formal and informal literacy assessment tools that can be used to make appropriate instructional decisions for learner differences. Includes information and practices in administering research-based intervention strategies for early literacy, phonemic awareness, phonics, vocabulary, fluency, comprehension and writing. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Early Childhood Major Prerequisites:** ECED 356, ELED 302, 320, 350, 398. **Elementary Major Prerequisites:** ELED 320, 330, 340, 350, 398. **Double Major Prerequisites:** ECED 356, 366, ELED 330, 499. **Three hours per week with enhancement.**

411. CLINICAL PRACTICE SEMINAR

4 hours credit

Complements student teaching internship for elementary education/early childhood/double education majors. Integrates theory and practice, facilitates the process of learning to reflect upon one's teaching, and provides support for candidates making the transition from teacher candidate to professional educator. Meets at school sites on a schedule to be announced as part of SU's Professional Development School partnership. Includes clinical experiences. **Prerequisite:** Admission to Professional Teacher Education Program. **Early Childhood Prerequisites:** ECED 451, 452, 453, ELED 410, 499. **Elementary Major Prerequisites:** ELED 403, 405, 406, 410, 499. **Double Major Prerequisites:** ELED 404, 405, 406, 410, 499. **Early Childhood Major Corequisites:** ECED 455, 456. **Elementary Major Corequisites:** ELED 421, 422. **Double Major Corequisites:** ECED 455, ELED 421, 423. **Three hours per week with enhancement.**

419. TEACHING MUSIC AND READING IN THE ELEMENTARY SCHOOL

3 hours credit

Techniques for teaching music and reading content in pre-school through grade 6. Emphasis on vocal, instrumental and general music. Comprehensive overview of creative activities utilizing music/reading materials and their application to the

elementary school curriculum. Offered for undergraduate credit. **Prerequisite:** Admission to Professional Teacher Education Program. **Corequisite:** ELED 309. **Three hours per week.**

421. ELEMENTARY EDUCATION CLINICAL PRACTICE I 5 hours credit

Engages in full-time clinical experience with designated mentors in Professional Development School (PDS) sites, progressively assuming the lead-teacher role in the classroom while planning and co-teaching with the mentor. Direct supervision under the direction of a mentor teacher and University supervisor. One, eight-week, full-time, supervised clinical experience in a school. Clinical Practice in lower (grades 1-3) or upper elementary (grades 4-6) grade levels. **Prerequisites:** ELED 403, 405, 406, 410, 499, admission to Clinical Practice. **Corequisite:** ELED 411. **Minimum of 30 hours per week for eight weeks. (P/F)**

422. ELEMENTARY EDUCATION CLINICAL PRACTICE II 5 hours credit

Engages in full-time clinical experience with designated mentors in Professional Development School (PDS) sites, progressively assuming the lead-teacher role in the classroom while planning and co-teaching with the mentor. Direct supervision under the direction of a mentor teacher and University supervisor. One, eight-week, full-time, supervised clinical experience in a school. Clinical Practice in lower (grades 1-3) or upper elementary (grades 4-6) grade levels. **Prerequisites:** ELED 403, 405, 406, 410, 421, 499, admission to Clinical Practice. **Corequisite:** ELED 411. **Minimum of 30 hours per week for eight weeks. (P/F)**

423. DOUBLE EDUCATION MAJOR CLINICAL PRACTICE 2 hours credit

Engages in full-time clinical experience with designated mentors in Professional Development School (PDS) sites, progressively assuming the lead-teacher role in the classroom while planning and co-teaching with the mentor. Direct supervision under direction of a mentor teacher and University supervisor. One, three-week, full-time supervised clinical experience in a school. Clinical practice in upper elementary (grades 4-6) grade level. **Prerequisites:** ELED 403, 405, 406, 410, admission to Clinical Practice. **Corequisite:** ELED 411. **Minimum of 30 hours per week for three weeks.**

430. DIRECTED TEACHING IN MUSIC IN THE ELEMENTARY SCHOOL

6 hours credit
Student teaching experience in all aspects of the elementary school music curriculum at several grade levels under the direction of public school music teacher, with supervision from the University staff. Includes observation and participation in the classroom as well as actual teaching and other activities and duties normally performed. **Prerequisites:** Completion of courses in the music concentration through the third year, ELED 419, SCED 429, written approval of the Music Department, admission to Professional Teacher Education Program. **(P/F)**

441. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM I

3 hours credit
Study of materials and methods for teaching language arts to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, use of space, class management and lesson planning. **Prerequisites:** EDUC 440 and admission to professional teacher education program. **Three hours per week.**

442. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM II

3 hours credit
Study of materials and methods for teaching science, social studies and math readiness to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, room design, class management, lesson planning, field trip planning and professional development. **Prerequisites:** EDUC 440 and admission to professional teacher education program. **Three hours per week.**

499. DIVERSITY AND THE COMMUNITY

1 hour credit
Reviews theories and aspects of cultural competence most relevant to teaching in diverse classrooms. Explores the ideals of freedom, democracy, justice, equality, equity and human dignity from the perspective of the community. Provides experiences that heighten candidates' diversity awareness and sensitivity. Examines different kinds of beliefs, attitudes, values and practices that foster cultural and linguistic competence at the Community level. The instructor may use different medium to study the topic. **One hour per week.**

EMAT

501. DEVELOPMENT AND LEARNING APPLIED TO TEACHING

3 hours credit
Examines theory and research in human development and learning psychology with application to teaching in contemporary middle and secondary schools. Emphasis on translating theory into practice by integrating field experiences, class work, student projects, assignments and exams. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

502. FOUNDATIONS OF EDUCATION IN A DIVERSE AND DEMOCRATIC SOCIETY

3 hours credit
A comprehensive overview of the foundation of education in a diverse and democratic society. It is an interdisciplinary approach, incorporating the social, philosophical, economic, political, historical and curricular foundations to provide a clear understanding of the teaching profession. Special attention is given to cultural problems and issues that influence opportunities and performance in educational institutions, including controversies confronting American education today. Field experiences are required. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

504. TEACHING READING IN THE CONTENT AREAS I 3 hours credit

Knowledge of the reading process, instructional strategies and materials use, drawn from research-based recommendations for using text in secondary content areas. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

506. THE INCLUSIVE CLASSROOM

3 hours credit
Learn the fundamentals of inclusive teaching. Study the history of special education, legal and ethical foundations for individuals with disabilities; accommodations; modifications of students with high, low, multiple incidence disabilities; effective teaching/ management skills; and an overview of specific strategies that promote learning within the content areas. Identify specific problems in content areas and learn how to effectively address them. Learn how to create assessments that provide immediate feedback in a variety of formats. Field experiences in inclusive content classrooms are required. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

507, 509. M.A.T. INTERNSHIP I & II

3 hours credit each
Two full-time, eight-week clinical experiences providing opportunities to actualize the latest educational research and theory into practice, including but not exclusive to observation, mini-teaching, macro-teaching, whole group lessons and

action research. Conducted under the direct supervision of a clinical supervisor (experienced public school teacher) with guidance and support from the university supervisor. **Prerequisite:** EMAT 501, 503, 505, 506, 512, 515 and required methods courses. **Corequisite:** EMAT 511.

508. TEACHING READING IN THE CONTENT AREAS II 3 hours credit

In-depth study of literacy needs of diverse populations. Includes instructional and assessment methods in reading and writing. **Prerequisites:** EMAT 501, 503, 505, 506, 512, 515 and required methods courses. **Three hours per week.**

510. APPLIED RESEARCH AND TECHNOLOGY II

3 hours credit
Complete and present portfolios, action research projects and seminar papers. Integrates educational technology, especially as it applies to teaching in the schools. **Prerequisites:** Successful completion of EMAT 507, 509, 511. **Three hours per week.**

511. M.A.T. INTERNSHIP SEMINAR

3 hours credit
Forum for discussing problems encountered during the internship. Colloquium for developing strategies to resolve these problems. **Prerequisite:** Admission to M.A.T. program. **Corequisites:** EMAT 507, 509. **Three hours per week.**

512. CLASSROOM MANAGEMENT: THEORY AND PRACTICE

3 hours credit
Provides the student with a repertoire of strategies to create a classroom environment that facilitates optimal learning. Different classroom management theories will be explored and evaluated for appropriateness in a given situation. Special attention is given to accommodating diversity and strategies for effectively communicating with families is considered. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

517. TEACHING MUSIC AND READING IN THE ELEMENTARY SCHOOL

3 hours credit
Techniques for teaching music and reading content in pre-school through grade 6. Emphasis on vocal, instrumental and general music. Comprehensive overview of creative activities utilizing music/reading materials and their application to the elementary school curriculum. Development of a sound rationale for teaching music in elementary schools and will include a half day per week of classroom observations. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

518. MATHEMATICS AND READING METHODS IN THE SECONDARY SCHOOL, PART I

3 hours credit
First of a two course sequence for analysis of the secondary school program in mathematics, with an emphasis on methods of teaching mathematical concepts and understandings. Also an emphasis on strategies, skills and instruction in content area reading. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

519. TEACHING MUSIC AND READING IN THE SECONDARY SCHOOL

3 hours credit
Techniques for teaching music and reading content in grades 7 through 12. Emphasis on vocal, instrumental and general music. Comprehensive overview of creative activities utilizing music/reading content II materials and their application to the secondary school curriculum. Development of a sound rationale for teaching music in the secondary schools and will include one full day a week of classroom observations. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

520. MATHEMATICS AND READING METHODS IN THE SECONDARY SCHOOL, PART II

3 hours credit
Continuation of EMAT 518, including organization of teaching units, assessment, observation and evaluation of teaching in school settings. In-depth study of literacy needs of diverse students populations including instructional and assessment strategies in reading and writing. **Prerequisites:** Admission to M.A.T. program and successful completion of EMAT 518. **Three hours per week.**

526. ENGLISH AND READING IN THE SECONDARY SCHOOL, PART I

3 hours credit
Study of materials and methods for teaching language arts in the high school, with attention to strategies and materials that support reading and writing in content area of study. Various models and strategies for teaching the language arts—language, literature and media—at this level are demonstrated and analyzed. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

527. SCIENCE AND READING IN THE SECONDARY SCHOOL, PART I

3 hours credit
Analysis of secondary school science teaching methods, materials and existing programs. Curricula and materials for the middle school and senior high school levels investigated by the students in biology, chemistry, earth science, physical science and physics. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

528. ENGLISH AND READING IN THE SECONDARY SCHOOL, PART II

3 hours credit
Study of materials and methods for teaching language arts in the high school, with attention to strategies and materials that support reading and writing in content area study. Various models and strategies for teaching language arts, specifically writing—at this level demonstrated and analyzed. Focus on diverse classroom populations and assessment. **Prerequisites:** Admission to M.A.T. program and successful completion of EMAT 526. **Three hours per week.**

529. SCIENCE AND READING IN THE SECONDARY SCHOOL, PART II

3 hours credit
Analysis of secondary school science teaching methods, materials and existing programs. Curricula and materials for the middle school and senior high school levels investigated by the students in: biology, chemistry, earth science, general science, physical science and physics. In-depth study of literacy needs of diverse student populations, which includes instructional and assessment strategies in reading and writing. **Prerequisites:** Admission to M.A.T. program and successful completion of EMAT 527. **Three hours per week.**

530. SOCIAL STUDIES AND READING METHODS IN THE SECONDARY SCHOOL, PART I

3 hours credit
Analysis of the secondary school program in social studies, with an emphasis on methods of teaching history, geography and citizenship. Current curriculum trends are considered. Emphasis on strategies, skills and instruction in reading. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

531. FOREIGN LANGUAGE AND READING IN THE SECONDARY SCHOOL, PART I

3 hours credit
The study of the philosophy, aims and methods of foreign language teaching in the middle and secondary school with an emphasis on theories, techniques and materials in current use. Emphasis on strategies, skills and instructions in reading. **Prerequisite:** Admission to the M.A.T. program. **Three hours per week.**

**532. SOCIAL STUDIES AND READING METHODS
IN THE SECONDARY SCHOOL, PART II****3 hours credit**

Analysis of the secondary school program in social studies, with an emphasis on methods of teaching history, geography and citizenship. Current curriculum trends are considered. In-depth study of literacy needs of diverse student populations including instructional and assessment strategies in reading and writing. **Prerequisites:** Admission to M.A.T. program and successful completion of EMAT 530. **Three hours per week.**

**533. FOREIGN LANGUAGE AND READING
IN THE SECONDARY SCHOOL, PART II****3 hours credit**

The continued study of philosophy, aims and methods of teaching foreign languages in the middle or secondary school with emphasis on the theories, techniques and materials in current use. Emphasis is on developing a coherent literacy program based on appropriate materials and strategies. For instruction and assessment in reading. **Prerequisites:** Admission to M.A.T. program and successful completion of EMAT 531. **Three hours per week.**

537. EDUCATIONAL RESEARCH**3 hours credit**

Introduction to quantitative and qualitative methods of inquiry as they apply to the needs of teacher-researchers. Attention is given to reading, analyzing and interpreting scholarly research to solve instructional problems. Includes the design of an action research project that addresses an area of current concern in the field of P-12 education. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

538. TECHNOLOGY IN EDUCATION**3 hours credit**

Examines educational technology and its current and potential impact on schools. Provides an introduction to the role of technology in the teaching and learning process as well as how to the use of technology can enhance teacher productivity and professional development. Examines current issues in the use of educational technology, the impact of technology on society and techniques for integrating technology into the classroom. Examines Internet, audio, video and graphic technologies, as well as tools for collecting and analyzing student data. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

**539. INSTRUCTION AND ASSESSMENT
FOR STUDENT LEARNING****3 hours credit**

Focuses on the appropriate selection, construction, administration and use of effective educational assessment, particularly as it impacts student learning. Using the curriculum-instruction-assessment cycle, explores these important connections to better understand roles and responsibilities as classroom teachers in the assessment process. **Prerequisite:** Admission to M.A.T. program. **Three hours per week.**

**540. TEACHING LANGUAGE IN MIDDLE AND
HIGH SCHOOL ENGLISH CLASSROOMS****3 hours credit**

Study of materials and methods for teaching language arts in middle and high schools, with attention to aspects of language study for native speakers of standard English, speakers of non-standard English and English language learners. Various models and strategies for teaching language arts at this level are demonstrated and analyzed. Field experience concurrent with EMAT 528. **Prerequisite:** EMAT 526. **Corequisite:** EMAT 528. **Three hours per week. (fall semester only)**

ISED**208. GREAT INVENTIONS****3 hours credit**

Explore at least eight inventions that have significantly influenced modern societies and their potential use as the focus of K-8 curricula. Analyze ways in which the technologies resulting from various inventions function by applying disciplinary core ideas from STEM fields at a conceptual level, especially in physical sciences, as well as the practices in STEM fields that supported the development of the technologies. The specific inventions that will be the focus of the course will change. **Prerequisite:** C or better in ELED 304, MATH 130. **Three hours per week.**

209. FIELD EXPERIENCE IN STEM EDUCATION**1-3 hours credit**

Take part in field experience focused on gaining understanding and facility with the Maryland STEM Standards of Practice. Takes place under the combined supervision of a faculty member and an on-site STEM mentor who can support the development of skills in STEM education. Take part in STEM education experiences, including the development and presentation of STEM instruction activities appropriate to the setting. **Document three hours in the field placement per week for each credit hour.**

390. STUDIES IN INTEGRATED STEM EDUCATION**1-4 hours credit**

Focused study of a particular topic, trend and/or issue relevant to integrated STEM education. May be taken twice under different course titles. **Variable hours per week.**

REED**500. RESEARCH IN READING EDUCATION****3 hours credit**

Introduction to elements of major research methodologies used in the study of education. Application of various methodologies in study of selected topics in reading field; evaluation of selected studies in reading education. **Three hours per week.**

**515. WRITTEN AND ORAL LANGUAGE
DEVELOPMENT****3 hours credit**

Current theories of language and literacy development as related to instructional practices, grades K-12. Emphasizes the development of compositional and technical elements of writing as it relates to total language and literacy development. **Three hours per week.**

516. ELEMENTARY FOUNDATIONS OF READING**3 hours credit**

Designed to provide a broad-ranging perspective of contemporary literacy instruction, methods, strategies and practices employed in the elementary classroom. Focus on balanced literacy instruction and best practices, as determined by observation, research and informed decision-making. Intended for all school personnel seeking a contemporary perspective on elementary literacy instruction and to provide a foundation for M.Ed. reading specialist certification candidates. **Three hours per week.**

517. SECONDARY FOUNDATIONS OF READING**3 hours credit**

Knowledge of the reading process, instructional and assessment strategies, and materials use, drawn from research-based recommendations for reading and writing in secondary content areas. **Three hours per week.**

518. DIVERSITY AND LITERACY**3 hours credit**

Explores the relationship between mainstream literacy and students who are traditionally marginalized by their diverse learning needs as well as by socioeconomic, political and cultural factors. Investigates local educational reforms for at-risk readers and their families. **Three hours per week.**

520. LITERATURE FOR CHILDREN AND ADOLESCENTS**3 hours credit**

Studies the works, topics and issues in literature written specifically for children and adolescents, with an emphasis on best practices in selecting and using authentic literature in a balanced instructional program. Especially pertinent to reading specialists in its K-12 perspective. For the purposes of this course, literature is defined broadly to encompass print, non-print and media sources of reading materials. **Three hours per week.**

610. ASSESSMENT OF LITERACY DEVELOPMENT**3 hours credit**

Designed for professional personnel seeking experience with assessment instruments and diagnostic techniques. Examines various instruments and strategies for the collection of data about literacy development. Quantitative and qualitative measures will be examined. **Prerequisites:** REED 500, 515, 516, 517. **Three hours per week.**

611. CLINICAL PRACTICUM I**3 hours credit**

Designed for professional personnel seeking experience in remedial literacy techniques. Includes the transfer of diagnostic data into teaching strategies and materials for programs of remediation. **Prerequisites:** REED 518, 610. **Three hours per week.**

612. CLINICAL PRACTICUM II**3 hours credit**

Designed for professional personnel seeking advanced work in clinical assessment and interactive instruction techniques. Includes work with small groups of children who experience difficulty in literacy learning. Promotes professional development as a reading consultant. **Prerequisite:** REED 611. **Three hours per week.**

614. LEADERSHIP FOR READING PROFESSIONALS**3 hours credit**

Designed for professional personnel seeking certification as reading teachers and reading specialists. Includes organizing and enhancing a reading program, developing curricula, communicating and collaborating with diverse constituencies, providing for the professional development of self and others, and supervising professionals and paraprofessionals. **Prerequisite:** REED 612. **Three hours per week.**

620. SEMINAR IN READING EDUCATION**3 hours credit**

Participation in professional reading and discussion of selected issues of literacy development and instruction. Demonstration of achievement of competencies of a reading professional through portfolio presentation and professional conference and/or publication preparation. **Prerequisite or Corequisite:** REED 612. **Three hours per week.**

SCED**300. DEVELOPMENT, LEARNING AND ASSESSMENT****3 hours credit**

Physical, intellectual, emotional and social development of children (ages 3-18) with emphasis on adolescent development. Attention is given to student learning and assessment. Required field observation. Credit may not be received for both SCED 300 and ELED 304 or EDUC 300. **Three hours per week.**

318. COMPUTERS IN EDUCATION**3 hours credit**

Overview of the role of computers in education. Examination of computer applications as they relate to specific teaching/learning operations and educational functions in the pre-K-12 classroom. May not receive credit for both SCED 318 and EDUC 318. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

319. TECHNOLOGY IN EDUCATION**1 hour credit**

Overview of the role of technology in education. Examines computer applications and their use as tools in the constructivist classroom. Issues and classroom management techniques for using technology in the classroom will be explored. Field experience is required. May not receive credit for both SCED 319 and EDUC 319. **Prerequisites:** Admission to Professional Teacher Education Program, ability to create documents using word processing, spreadsheets, presentations with software such as PowerPoint and Web pages. **One hour lecture, 50 minute laboratory per week.**

320. TECHNOLOGY IN MATHEMATICS EDUCATION**3 hours credit**

Overview of the role of technology in mathematics education. Examination of computer applications as they relate to specific teaching/learning situations in grades 7-12 classrooms. **Prerequisite:** Admission to the Professional Teacher Education Program, MATH 201, 213, 214. **Three hours per week. (spring semester only)**

**340. TEACHING LANGUAGE IN MIDDLE AND HIGH
SCHOOL ENGLISH CLASSROOMS****3 hours credit**

Study of materials and methods for teaching language arts in middle and high schools, with attention to aspects of language study for native speakers of standard English, speakers of non-standard English and English language learners. Various models and strategies for teaching language arts at this level are demonstrated and analyzed. Field experience concurrent with SCED 471. **Prerequisites:** SCED 371, SCED 318 or SCED 319. **Corequisite:** SCED 471. **Three hours per week. (fall semester only)**

**367. INCLUSIVE INSTRUCTION FOR
SECONDARY TEACHERS****3 hours credit**

Acquaints pre-service secondary school teachers with the legal, social and ethical issues that surround inclusion and prepares them with a repertoire of instructional methods associated with inclusive education for students with high incidence disabilities. Field experience required. May not receive credit for both EDUC 467 and SCED 367. **Prerequisites:** Admission to Professional Teacher Education Program. **Prerequisite/Corequisite:** SCED 371 or 372 or 373 or 374 or 376 or 429 or 447 or HLTH 461. **Three hours per week.**

**371. TEACHING READING AND TEXTS IN MIDDLE
AND HIGH SCHOOL ENGLISH CLASSROOMS****4 hours credit**

Study of materials and methods for teaching language arts in the middle and high school, with attention to strategies and materials that support reading. Various models and strategies for teaching traditional and young adult literature and media for these levels demonstrated and analyzed. Required classroom visitations and field experiences for students in order to complete assignments. **Prerequisite:** Admission to Professional Teacher Education Program. **Prerequisite/Corequisite:** SCED 318 or SCED 319. **Three hours lecture, three hours field experience per week. (spring semester only)**

**372. SOCIAL STUDIES AND READING METHODS
IN MIDDLE AND HIGH SCHOOL, PART I****4 hours credit**

Analysis of middle and high school programs in social studies; emphasis on methods of teaching history, geography and citizenship. Current curriculum trends are considered. Course includes emphasis on strategies, skills and instruction in reading. Required classroom visitations and field experience in order to complete assignments. **Prerequisite:** Admission to Professional Teacher Education Program. **Corequisite:** SCED 318 or SCED 319. **Three hours lecture, three hours field experience per week. (spring semester only)**

**373. MATHEMATICS AND READING METHODS
IN MIDDLE AND HIGH SCHOOL, PART I****4 hours credit**

First course of a two-course sequence for analysis of middle and high school programs in mathematics; emphasis on methods of teaching mathematical concepts and understandings. Course includes strategies, skills and instruction in reading in the content area. Required classroom visitations and field experience as necessary to complete assignments. **Prerequisite:** Admission to Professional Teacher Education Program. **Prerequisite/Corequisite:** SCED 320. **Three hours lecture, three hours field experience per week. (spring semester only)**

**374. SCIENCE AND READING METHODS
IN MIDDLE AND HIGH SCHOOL, PART I****4 hours credit**

Analysis of middle and high school science teaching methods, materials and programs. Emphasis on instruction in biology, chemistry, earth science and physics. In-depth study of literacy needs of diverse student populations including instructional and assessment strategies in reading and writing. Required classroom visitations and field experiences as necessary to complete assignments. **Prerequisite:** Admission to Professional Teacher Education Program. **Corequisite:** SCED 318 or SCED 319. **Three hours lecture, three hours field experience per week. (spring semester only)**

**376. WORLD LANGUAGE AND READING METHODS
IN MIDDLE AND HIGH SCHOOLS, PART I****4 hours credit**

Study of the philosophy, aims and methods of teaching world languages in the middle and high school with emphasis on the theories, techniques and materials in current use. Emphasis on strategies, skills and instruction in reading. Required classroom visitations and field experience as necessary to complete assignments. **Prerequisite:** Admission to Professional Teacher Education Program. **Prerequisite/Corequisite:** SCED 318 or SCED 319. **Three hours lecture, three hours field experience per week. (spring semester only)**

**422. TEACHING READING IN THE
CONTENT AREAS: PART I****3 hours credit**

Knowledge of the reading process, instructional strategies and materials used is drawn from research-based recommendations for using text in secondary content areas. Intended for secondary and K-12 teacher education candidates. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

**424. TEACHING READING IN THE
CONTENT AREAS: PART II****3 hours credit**

In-depth study of literacy needs of diverse student populations. Includes instructional and assessment methods in reading and writing. Intended for Secondary and K-12 teacher certification candidates. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

**426/428. INTERNSHIP IN MIDDLE
OR HIGH SCHOOL EDUCATION****6 hours credit each experience**

Engages pre-service teachers in planning, teaching, assessment and collaboration in order to support and enhance student learning and well-being. Participation in activities required of fully employed teachers. **Prerequisite:** Admission to internship. **Corequisite:** SCED 433. **Two, eight-week, full-time, supervised clinical experiences under the direction of the mentor teacher and University supervisor. One placement each in middle and high school. (P/F, IP)**

**429. TEACHING MUSIC AND READING
IN THE MIDDLE AND HIGH SCHOOL****4 hours credit**

Techniques for teaching music and reading content in grades 7-12. Emphasis on vocal, instrumental and general music. Comprehensive overview of creative activities utilizing music/reading content materials and their application to the secondary school curriculum. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours lecture and three hours field experience per week. (fall semester only)**

**431. INTERNSHIP IN MUSIC IN
THE SECONDARY SCHOOL****6 hours credit**

Student teaching experience in all aspects of the secondary school music curriculum including the areas of choral, instrumental and general music. Observation, participation, teaching and other activities and duties normally performed by professional teachers done under the direction of public school music teacher(s), with supervision from the University staff. **Prerequisites:** Completion of courses in the music concentration through the third year, ELED 419, SCED 429. **(P/F)**

**433. REFLECTION AND INQUIRY
IN TEACHING PRACTICE****2 hours credit**

Forum for discussion of issues pertinent to current practices, trends and issues in the middle and high school during the internship. **Prerequisite:** Admission to internship. **Corequisites:** SCED 426, 428. **Three hours per week for 10 weeks. (spring semester only)**

434. CLASSROOM MANAGEMENT**3 hours credit**

Explores the ability to create and maintain productive learning environments in the middle and high schools. Emphasis on development of learner responsibility, promotion of positive social relationships, interdependence of effective instruction and management, and prevention/intervention strategies. Consideration given to accommodating diversity and communicating with families. Field activity required. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

447. ESOL METHODS**3 hours credit**

Introduces students to the study, philosophy, aims and methods of teaching English as a foreign or second language with an emphasis upon the techniques and materials in current use. **Co- or prerequisites:** ENGL 433, 528. **Prerequisites:** ENGL 430, 431 and 439; admission to the professional teacher education program; passing scores on Praxis Core Examinations as defined by the University and Seidel School; GPA of 2.75 in ESOL courses; or permission of the instructor for non-teachers. **Three hours per week.**

462. ESOL INTERNSHIP I - ELEMENTARY**6 hours credit**

A full-time eight-week clinical experience at an elementary school setting providing opportunities to actualize the latest educational research and theory into practice for teaching

English Language Learners (ELL), including, but not exclusive to, observation, mini-teaching, macro-teaching, whole group lessons and action research. Conducted under the direct supervision of a mentor teacher (experienced public school teacher) with guidance and support from the University supervisor. **Prerequisites:** Completion of all required coursework in the B.A. ESOL/K-12 Certification sequence prior to the internship, admission to Professional Teacher Education Program, compliance with student teaching criteria. **Corequisites:** SCED 463, 465. **(P/F)**

463. ESOL INTERNSHIP II - SECONDARY**6 hours credit**

A full-time eight-week clinical experience at a middle/secondary school setting providing opportunities to actualize the latest educational research and theory into practice for teaching English Language Learners (ELL), including, but not exclusive to, observation, mini-teaching, macro-teaching, whole group lessons and action research. Conducted under the direct supervision of a mentor teacher (experienced public school teacher) with guidance and support from the University supervisor. **Prerequisites:** Completion of all required coursework in the B.A. ESOL/K-12 Certification sequence prior to the internship, admission to Professional Teacher Education Program, compliance with student teaching criteria. **Corequisites:** SCED 462, 465. **(P/F)**

465. ESOL INTERNSHIP - SEMINAR**3 hours credit**

Forum for discussing issues and problems pertinent to current ESL practices encountered during the student teaching internship. Colloquium for developing strategies to resolve these problems and address classroom management concerns. **Prerequisites:** Completion of all coursework in the B.A. ESOL sequence prior to the internship, admission to Professional Teacher Education Program, compliance with student teaching criteria. **Corequisites:** SCED 462, 463. **Three hours per week. (P/F)**

**471. INTEGRATING WRITING AND READING
IN MIDDLE AND HIGH SCHOOL ENGLISH
CLASSROOMS****4 hours credit**

Study of strategies and materials that support reading and writing in content area study of English language arts, with emphasis on methods of teaching writing. Long-range planning and assessment are examined as elements for integrating the language arts. Required classroom visitations and field experiences as necessary to complete assignments. **Prerequisites:** Admission to Professional Teacher Education Program, SCED 371. **Corequisite:** SCED 340. **Pre- or Co-requisite:** SCED 367. **Three hours lecture, six hours internship per week. (fall semester only)**

**472. SOCIAL STUDIES AND READING METHODS
IN MIDDLE AND HIGH SCHOOL, PART II****4 hours credit**

Continuing analysis of middle and high school programs in social studies. Emphasis on methods of teaching history, geography, economics and citizenship. Current curriculum trends are considered. In-depth study of literacy needs of diverse student populations including instructional and assessment strategies in reading and writing. Continuation of SCED 372. Required classroom visitations and field experience as necessary to complete assignments. **Prerequisites:** Admission to Professional Teacher Education Program, SCED 372. **Three hours lecture, six hours internship per week. (fall semester only)**

**473. MATHEMATICS AND READING METHODS IN
MIDDLE AND HIGH SCHOOL, PART II****4 hours credit**

Continuation of SCED 373, including organization of teaching units, assessment, observation and evaluation of teaching in middle and high school settings. In-depth study of literacy needs of diverse student populations including instructional

and assessment strategies in reading and writing in the content area. Required classroom visitations and field experience as necessary to complete assignments. **Prerequisites:** Admission to Professional Teacher Education Program, SCED 320, 373. **Three hours lecture, six hours internship per week. (fall semester only)**

**474. SCIENCE AND READING METHODS IN MIDDLE
AND HIGH SCHOOL, PART II****4 hours credit**

Continuing analysis of middle and high school science teaching methods, materials and existing programs. Emphasis on instruction in biology, chemistry, earth science and physics. In-depth study of literacy needs of diverse student populations including instructional and assessment strategies in reading and writing. Continuation of SCED 374. Required classroom visitations and field experiences as necessary to complete assignments. **Prerequisites:** Admission to Professional Teacher Education Program, SCED 374. **Prerequisite/Corequisite:** SCED 367. **Three hours lecture, six hours internship per week. (fall semester only)**

**476. WORLD LANGUAGE AND READING METHODS IN
MIDDLE AND HIGH SCHOOLS, PART II****4 hours credit**

The study of the philosophy, aims and methods of teaching world languages in the middle and high school setting with emphasis on the theories, techniques and materials in current use. Emphasis on strategies, skills and instruction in reading in the content area. Required classroom visitations and field experience as necessary to complete assignments. **Prerequisites:** Admission to Professional Teacher Education Program, SCED 376. **Prerequisite/Corequisite:** SCED 367. **Three hours lecture, six hours internship per week. (fall semester only)**

ENGINEERING (ENGR)**100. INTRODUCTION TO ENGINEERING DESIGN****3 hours credit**

Introduction to the art and science of engineering design. Students work in teams to design, manufacture, assemble and test a product. Examples of products include a postal scale, solar cooker and human-powered water pumping systems. CAD and modeling software will also be used. **Prerequisite or Corequisite:** PHYS 221. **Four hours lecture/activity per week.**

110. STATICS**3 hours credit**

The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams and friction. Vector and scalar methods used to solve problems. **Prerequisites:** MATH 201, PHYS 221. **Three hours per week.**

220. MECHANICS OF MATERIALS**3 hours credit**

Study stress and deformation of beams, shafts, columns, tanks and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle, centroids and moments of inertia, shear and bending moment diagrams, derivation of elastic curves, and Euler's buckling formula. Complete design project related to the material. **Prerequisite:** ENGR 110. **Three hours per week.**

221. DYNAMICS**3 hours credit**

Systems of heavy particles and rigid bodies at rest and in motion. Force acceleration, work energy and impulse-momentum relationships. Motion of one body relative to

another in a plane and in space. **Prerequisites:** ENGR 110, MATH 202. **Three hours per week.**

232. THERMODYNAMICS 3 hours credit

Introduction to the principles of thermodynamics and thermodynamic properties of matter. Topics include the first and second laws of thermodynamics, heat, work, temperature, entropy, enthalpy, cycles, reactions, mixtures, energy balances, and mass balances. A design project related to the material is given. **Prerequisites:** C or better in ENGR 110, MATH 202, PHYS 225. **Three hours per week.**

306. INTRODUCTION TO MATLAB 1 hour credit

Prepares physics and engineering students for subsequent courses requiring computation with MATLAB. Covers the basics of MATLAB, including simple commands, variables, solving equations, graphing differentiation and integration, matrices and vectors, functions, M-files and fundamentals of programming in the MATLAB environment. **Prerequisite:** C or better in MATH 202. **One hour per week.**

331. FLUID MECHANICS 3 hours credit

Introduction to the principles of fluid mechanics. Topics include mass, momentum and energy conservation, hydrostatics, control volume analysis, internal and external flow, boundary layers, and modern measurement techniques. A design project related to the material is given. **Prerequisites:** C or better in ENGR 221, MATH 310 and PHYS 225. **Four hours lecture/activity per week.**

409. ACOUSTICS 3 hours credit

Introduction to the principles of acoustics. Topics include the physics of sound, aeroacoustics, hydroacoustics, passive and active sonar systems, biosonar, architectural acoustics, sound isolation chambers, sound absorption, sound reflection, noise cancellation, underwater communication, cavitation, rectified diffusion, supersonics, and hypersonics. **Prerequisite:** C or better in PHYS 309. **Three hours per week.**

482. MICROWAVE ENGINEERING 3 hours credit

Laboratory experiments and theoretical principles will be seamlessly blended. A modeling software will be used. Topics include transmission lines; Smith Chart; Z, Y, T, S and ABCD matrices; waveguides; antennas; and microwave amplifier design. **Prerequisites:** PHYS 315 or ENEE 380 and PHYS 311 or ENEE 206. **Four hours lecture/activity per week.**

ENGLISH (ENGL)

103. COMPOSITION AND RESEARCH 4 hours credit

A course in college-level academic writing. Focus on argument, critical reading and writing, and information literacy. **Three hours per week with enhancement. Meets General Education IA (required C or better).**

220. INTRODUCTION TO FILM 4 hours credit

Introduction to the art of film. Concepts of organization, structure, and editing techniques through viewing and discussing short films. Literary and dramatic influences in feature films. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

221. LITERATURE AND FILM 4 hours credit

The relation of film to literature as narrative, dramatic and poetic means of expression; the translation of literary works into film. **Prerequisite:** C or better in ENGL 103. **Two hours lecture, two hours screening per week with enhancement. Meets General Education IB.**

240. INTRODUCTION TO THE STUDY OF LANGUAGE 4 hours credit

Study of the ways language works and an introduction to the scientific study of language and linguistics. Presupposes no formal study or knowledge of language. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

250. UNDERSTANDING POETRY (GENRE) 4 hours credit

Reading and interpreting a wide variety of poems, examining the features of the poem as a form, variations of the form throughout history. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

251. THE ART OF THE DRAMA (GENRE) 4 hours credit

An introduction to the types of drama in the American, British and Continental traditions. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

252. ASPECTS OF THE NOVEL (GENRE) 4 hours credit

Analysis of American, British and Continental novels; the form of the novel and its variations. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

253. THE SHORT STORY (GENRE) 4 hours credit

A study of the historical development of the short story, its forms, characteristics and its most successful practitioners. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

254. SATIRE (GENRE) 4 hours credit

The nature of satire and its historical forms. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

255. AFRICAN-AMERICAN SHORT STORY 4 hours credit

Survey of African-American short fiction designed to inform students of the history of the sub-genre as well as highlight the canonical literature written in this form. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

300. STUDIES IN ENGLISH LITERATURE 4 hours credit

Study of a literary figure, period, genre, movement or theme. May be repeated under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

301. STUDIES IN ENGLISH: LANGUAGE, FILM OR WRITING 4 hours credit

Study of a topic in language, film or writing. May be repeated under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

302. INTERNSHIP IN ENGLISH I 1-4 hours credit

Provides students practical experience in using English course skills through work in a business, public service agency or professional office. A maximum of four credits may be applied to English major. May be taken for a maximum of four hours credit. **Prerequisites:** ENGL 103; junior standing English major or minor with minimum 3.0 cumulative GPA; written permission of department chair.

303. INTERNSHIP IN ENGLISH II 1-4 hours credit

Provides students practical experience in using English course skills through work in a business, public service agency or professional office different from that used for ENGL 302: Internship in English I. May be taken for a maximum of four hours of elective credit toward degree requirements and not major requirements. **Prerequisites:** ENGL 103, 302; junior standing English major or minor with minimum 3.0 cumulative GPA; written permission of department chair.

305. TECHNICAL WRITING AND EDITING 4 hours credit

Effective writing and editing technique applied to, among others, formal proposals, mechanical descriptions, user manuals, investigative reports, field reports, feasibility reports and articles for publication. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

306. WRITING FOR THE DISCIPLINES 4 hours credit

Helps students improve their writing to meet career demands of particular majors. Students examine styles and forms of writing and evaluate options and requirements for particular writing tasks. Not acceptable for General Education credit. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

307. WRITING FOR THE WORLD WIDE WEB 4 hours credit

Focuses on writing content for websites. Students learn how to plan, write, design and evaluate Web pages and websites. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

308. COMPOSITION III 4 hours credit

Focuses on the practice and theory of writing, advanced strategies of writing, and the forms and aims of discourse. Emphasis on effective assignments, evaluation of prose, and the nature and analysis of style. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

317. GERMAN SHORT STORIES 4 hours credit

Survey of the German short story (Deutsche Novelle) from its inception in the 18th century to the present. Taught in English. Cross listed with GERM 350. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

318. TOPICS IN HISPANIC LITERATURE IN TRANSLATION 4 hours credit

Reading, analysis and discussion of some of the classic works of Spanish and Latin American literature. Taught in English. Does not count toward the Spanish minor. May be taken only once for credit toward the Spanish major. Cross listed with SPAN 330. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

323. MAJOR FILM DIRECTORS 4 hours credit

Intensive study of individual American and foreign *auteur* directors, singly or in groups. Focus on those artists who write their own screenplays and direct their own films. May be repeated twice if different directors are studied. May not receive credit for ENGL 405 and 323. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

324. FILM GENRE 4 hours credit

An introduction to the concept of film genre and to the study of specific film genres including comedies, musicals, westerns, gangster films, horror films and science fiction films. May not receive credit for both ENGL 324 and ENGL 403. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

335. GOTHIC FICTION 4 hours credit

A study of the Gothic strain in English and American fiction from the late 18th through the 20th centuries—its genesis, initial manifestations, popular mutations and periodic reinvigoration. Among authors studied are Horace Walpole, Ann Radcliffe, "Monk" Lewis, Poe, James, Bram Stoker and Stephen King. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

338. LITERATURE OF THE QUEER 4 hours credit

Study of literature written by and about "queers," including gay, lesbian, bisexual, transgender, gender-transcendent and intersexed identities. Selected readings derive from antiquity though the present, and are considered in their proper cultural and historical contexts. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

341. THE BIBLE AS LITERATURE 4 hours credit

The literature of the Bible: various forms, stylistic features and relation to culture. Emphasis on the Old Testament, King James version. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

342. WOMEN IN LITERATURE 4 hours credit

A study in literature written by American and British women, primarily during the 19th and 20th centuries. Among writers studied are Bronte, Eliot, Chopin, Wharton, Woolf, Plath, Walker. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

344. LITERATURE OF A DECADE 4 hours credit

In-depth study of literary works of a particular decade with special emphasis on cultural and historical context. (Decade and texts selected by instructor.) May be repeated under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

345. SCIENCE FICTION 4 hours credit

A survey of representative works of science fiction on a persistent theme or theme, such as artificial intelligence, time travel or alien cultures by major authors of the genre. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

347. THE WILDERNESS IN LITERATURE**4 hours credit**

A study of evolving ideas of wilderness in journals and other non-fiction, along with readings in fiction and poetry which dramatize civilized humanity's relationships with wilderness. Nineteenth and 20th century American authors including Thoreau, John Muir, Fenimore Cooper, Edward Abbey, Jack London, Faulkner, James Dickey and Gary Snyder. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

348. NATURE IN LITERATURE**4 hours credit**

A detailed study of attitudes toward and representations of nature and the natural in literature, especially of the 19th and 20th centuries. Topics may include the hostile relationship between nature and culture, the image of the animal "other," the human as animal, the personification of nature and/or the animal, the perilous position of human in nature, and the impact of eco-criticism. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

349. NORSE LITERATURE IN TRANSLATION**4 hours credit**

Survey of northern European literature from the pagan era through the Middle Ages, including Germanic myths and Icelandic sagas. Supporting materials from archaeology, folklore and popular culture. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

351. CREATIVE WRITING**4 hours credit**

Techniques of writing fiction and poetry through reading, analysis and directed writing. Students submit work-in-progress for class discussion and a portfolio of poems or stories. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

356. BRITISH LITERATURE I: BEGINNINGS TO 1660**4 hours credit**

Survey of British literature from the Beowulf poet to the Restoration. Readings may include, but are not limited to, *The Canterbury Tales*, Spenser, Marlowe and Milton. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

357. BRITISH LITERATURE II: 1660-PRESENT**4 hours credit**

Survey of British literature from the Restoration in 1660 to the present day. Readings may include, but are not limited to, Swift, Pope, Austen, Wordsworth, Keats, the Brownings, Hardy, Yeats, Woolf and Greene. Poetry and fiction included. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

363. WORLD LITERATURE I**4 hours credit**

A study of major western and non-western cultural heritages from antiquity through the Renaissance Europe and ends with the exploration/conquest literature of the "early" Americas. This course gives you a foundation in the classics of western literature and introduces you to the classical traditions of Native American peoples, India, China and the Middle East. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

364. WORLD LITERATURE II**4 hours credit**

A study of western and non-western cultural heritages from the 17th century to contemporary works. The texts will cover various literary periods from neoclassicism and romanticism to modernism and post-modernism. The course provides a

foundation in the classics of modern western literature and introduces modern non-western literature. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

365. LITERATURE OF THE GLOBAL SOUTH**4 hours credit**

An introduction to literature by authors with a connection to the Global South: Africa, Asia and Latin America. Study diverse writers who use diverse literary techniques to represent and question some of the most urgent social, national and global issues of their times. Topics include, but are not limited to, nation, cultural identity, ethics, religion, race, imperialism, colonialism, post-colonialism, globalization, major historical events and global citizenship. Choice of authors and nations to be made by the instructor and will include both established and emerging voices. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

366. WORLD MYTHOLOGY**4 hours credit**

Primitive, oriental and Occidental mythology, emphasis on classical, Nordic and Judeo-Christian myths. Application of principles of myth and folklore criticism to Western literature, ancient through modern. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

368. PHILOSOPHICAL CONCEPTS IN LITERATURE**4 hours credit**

An examination of a philosophical theme, such as existentialism or tragedy, as reflected in literature. Can be repeated for credit with different themes. **Prerequisites:** C or better in ENGL 103 and a philosophy course, or permission of instructor. **Three hours per week with enhancement. Meets General Education IB.**

369. GLOBAL LITERATURE AND JUSTICE**4 hours credit**

Introduction to the intersections between literature and justice. Explores how literature can represent and help achieve justice, and how literature can teach thinking globally. Considers a variety of topics, including, but not limited to, human rights, activism, economic rights, education rights, gender rights, group rights, social justice, race and globalization. Choice of writers is made by the instructor. These writers include, but are not limited to, those who have connection to the Global South: Asia, Africa and Latin America. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

370. LATINA/O LITERATURE**4 hours credit**

Study of literature (written in English) by Latina and Latino writers, including, but not limited to, Mexican American (Chicana/o), Puerto Rican American, Cuban American and Dominican American authors. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

371. TOPICS IN LATINA/O LITERATURE**4 hours credit**

Study of selected topics in Latina/o literature (written in English). Such topics may include a specific region, national group, period, set of authors, theme, genre or issue. May be taken twice under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

377. INTRODUCTION TO AFRICAN LITERATURE**4 hours credit**

A study of selections from the range of literature central to the sub-genre of the literature of the African Diaspora, texts written in English by African authors. Engages these texts in an effort to better understand this history and cultures of pre-

colonial Africa, as well as the impacts of colonization and post/neo-colonization through reading and discussion. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

378. LITERATURE OF THE AFRICAN DIASPORA**4 hours credit**

A study of selections from the range of literature that comprises the sub-genre of the African Diaspora. Engages texts in an effort to better understand and interpret the complex nature of chattel slavery, emancipation, reconstruction, colonialism and post-colonialist motivations through reading, discussion and cultural immersion. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

379. LITERATURE OF THE HARLEM RENAISSANCE**4 hours credit**

Study in literature written by American authors during the Harlem Renaissance period, beginning with the key concept of the period, W.E.B. DuBois' *Double Consciousness*. Readings include, but not limited to, the poetry of Hughes, McKay, Bennet, Fauset and Cullen; the fiction of Nugent, Fisher, Toomer, Larsen and Walter White. **Prerequisites:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

380. AMERICAN LITERATURE I: BEGINNINGS TO 1860**4 hours credit**

Study of major American literature from the nation's origins to 1860. Authors to be studied may include, but are not limited to, Edwards, Franklin, Hawthorne, Irving, Melville, Poe and Whitman. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

381. AMERICAN LITERATURE II: 1860-PRESENT**4 hours credit**

Study of major American literature from 1860 to the present. Authors to be studied may include, but are not limited to, Crane, London, Chopin, T.S. Eliot, Gilman, Faulkner, O'Neill, Hurston, Hughes, Welty, Ellison, Baldwin, Barthelme and Morrison. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

382. AFRICAN-AMERICAN LITERATURE I**4 hours credit**

Study of major African-American literature from America's inception to the Harlem Renaissance. May include such writers as Terry, Equiano, Smith, Wheatley, Douglass, Jacobs, Brown, Harper, Hopkins, Dunbar, Chesnutt, Grimke. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

383. AFRICAN-AMERICAN LITERATURE II**4 hours credit**

Study of major African-American literature from the Harlem Renaissance to present. May include such writers as Hughes, Hurston, Wright, Ellison, Petry, Madhubuti, Sanchez, Morrison, Walker, Wilson, Jones and Trethewey. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

384. NATIVE AMERICAN LITERATURE**4 hours credit**

A study of Native American literature (mostly in the "Western" genres of fiction and/or poetry) in the context of Native American peoples' experiences and their distinctive worldviews. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

385. ETHNIC LITERATURE OF THE UNITED STATES**4 hours credit**

Explores literature of America's ethnic cultures and their historical and literary contexts. May include literature written by Americans of African, Asian, Arab, Latina/o and/or Native American ancestry. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

386. AMERICAN WOMEN WRITERS OF COLOR**4 hours credit**

Study of Native American, African-American, U.S., Latina and Asian American women's writing, emphasizing 19th and 20th century issues which influenced their writing. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

387. LITERATURE OF THE AMERICAN WEST:**1820-PRESENT****4 hours credit**

A study of journals and travel narratives and popular, regional and historical novels of the American West. Works of writers such as Cooper, Twain, Steinbeck, Anaya, Cather and Silko. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

388. AMERICAN DRAMA**4 hours credit**

Historical survey of American drama from its beginnings to the present. Includes works by major American dramatists, such as Hellman, O'Neill, Williams, Miller and Henley. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

389. TOPICS IN NATIVE AMERICAN LITERATURE**4 hours credit**

Study of select topics in Native American literature. Such topics may include a specific period, region, native group, set of authors, theme or issue. May be taken twice under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

399. INTERNATIONAL STUDIES IN LITERATURE**4 hours credit**

On-site study of the literature, drama, theatre, and culture of selected countries. Field study preceded by pre-tour lectures. May be taken twice for credit under different subtitles. The objective of the course is to better understand the culture and the history of a foreign country through experimental learning and intelligent mentoring. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

401. STUDIES IN FILM**4 hours credit**

Study of a director, period, genre, movement or theme in the area of film. May be repeated twice under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

402. FILM HISTORY**4 hours credit**

The history of motion pictures with a focus on technical and artistic trends and the work of important artists and directors. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

404. INTERNATIONAL CINEMA**4 hours credit**

Study of a wide range of films made around the world, with special emphasis on historical development of selected national cinemas, cultural and economic determinants that affect the production of film and the contrasting conventions of film style in contrasting contexts of production.

Prerequisite: C or better in ENGL 103. **Three hours per week with enhancement.**

405. HEARING CINEMA

4 hours per week

Advanced introduction to film sound tracks, including analysis of music, sound effects and dialogue through various perspectives. Develop audiovisual literacy and expand understanding of cinema through analyzing its sonic impact. **Prerequisite:** C or better in ENGL 103. **Four hours per week.**

406. DOCUMENTARY CINEMA STUDIES

4 hours credit

Study of documentary cinema, with particular emphasis on critical and theoretical issues that documentary has historically faced, such as the representation of reality, the politics of representation, the intersection of individual and cultural memory, and the rhetoric of cinematic arguments, among other potential subjects. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

408. FILM THEORY

4 hours credit

Introduction to influential theoretical approaches to film such as psychoanalysis, auteurism, feminism, reception and spectatorship theories, genre studies, queer theory and post-Colonial criticism. Includes a range of screenings and encourages students to read films in terms of various cultural, ideological and personal perspectives. **Prerequisite:** ENGL 220 or 221 or 402 or 403 or 404 or 405. **Three hours per week with enhancement.**

410. INDIVIDUAL AUTHORS

4 hours credit

An intensive study of one to three writers of major stature (choice to be made by the instructor). **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

411. CHAUCER

4 hours credit

Study of representative works by the 14th-century poet Chaucer, taught in their original language, Middle English, with a special emphasis on *The Canterbury Tales*. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

412. MILTON

4 hours credit

The sonnets, companion poems, essays and drama. Emphasis on *Paradise Lost*. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

413. SHAKESPEARE

4 hours credit

A study of the major comedies and histories with an emphasis on the tragedies. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

415. FICTION WORKSHOP

4 hours credit

Read, discuss and analyze contemporary fiction to observe techniques in craftsmanship and present fiction for intensive examination by workshop participants. May be taken twice for credit. **Prerequisite:** ENGL 351 or permission of instructor. **Three hours per week with enhancement.**

416. POETRY WORKSHOP

4 hours credit

Read, discuss and analyze contemporary poetry to observe techniques in craftsmanship and present poetry for intensive examination by workshop participants. May be taken twice for credit. **Prerequisite:** ENGL 351 or permission of instructor. **Three hours per week with enhancement.**

417. WRITER'S CRAFT

4 hours credit

The capstone course of the creative writing track. Designed to help students gain a deeper understanding of their chosen genre (poetry, fiction or nonfiction) and to learn how to "professionalize" as writers by gaining experience in the fields of teaching and publishing, as well as writing. Workshop and complete publication-ready creative and critical work in preparation for graduate study and contextualize writing within a creative heritage. **Prerequisite:** ENGL 496 or 498 or approval of instructor. **Three hours per week with enhancement.**

428. ESOL TESTS AND MEASUREMENTS

4 hours credit

Focuses on present-day language theory and practice. Objectives are not only to increase students' skills in writing classroom language tests and assessing standardized instruments intended for second language learners, but also to improve their ability to evaluate language research in which testing plays a part. **Prerequisite:** ENGL 432 or 434 or permission from instructor. **Three hours per week with enhancement.**

430. PRINCIPLES OF LINGUISTICS

4 hours credit

Detailed study of the primary linguistic systems, including phonology, morphology, semantics, syntax and pragmatics. Introduces important sociolinguistic research concerns. As the course is designed for teachers in training, students apply those linguistic concepts to practical language learning problems. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

431. SURVEY OF MODERN ENGLISH GRAMMAR

4 hours credit

A study of modern English grammar accomplished through a variety of language analysis approaches, including traditional, structural and transformational. **Prerequisite:** ENGL 240 or 430 or permission of instructor. **Three hours per week with enhancement.**

432. LITERACY AND ESOL READING

4 hours credit

Introduces students interested in questions of language acquisition to the theories and practices relating to learning to read in a second language or second dialect. Topics included are models for acquiring foreign language reading skills, teaching strategies for second language/dialect literacy, evaluating literacy skills, current research about acquisition of literacy skills, and political and social implications of second language/dialect literacy. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

433. LANGUAGE AND CULTURE

4 hours credit

Linguistics approach to the peculiar relationship between a language and the cultural total of which the language is a part. Examines language variations within a community according to gender, age, geography, ethnicity, socioeconomic class and level of education. Considers the educational, political and economic implications. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

434. LITERACY AND ESOL WRITING

4 hours credit

Introduces students interested in questions of language acquisition to the theories and practices of learning to write in a second language or second dialect. Topics include writing theory, writing strategies, evaluating writing, and writers and rhetorical concerns. Students develop a literacy project, writing materials for specific ESOL students. **Prerequisite:** ENGL 431 or permission of instructor. **Three hours per week with enhancement.**

438. BILINGUALISM

4 hours credit

A study of what it means to be a bilingual child or adult. Explores the mind's role in bilingualism and in language acquisition. Surveys educational systems' response to language variance among students and explores the social, academic and language learning consequences of growing up bilingual in the U.S.A. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

439. SECOND LANGUAGE ACQUISITION

4 hours credit

Introduction to second language acquisition (SLA) theory and the application of SLA theory to second/foreign language teaching practices. Explores what it means to know a language and, hence, how one learns a second language. **Prerequisites:** C or better in ENGL 103. **Three hours per week with enhancement.**

447. CURRENT APPROACHES IN ESOL INSTRUCTION

4 hours credit

Familiarizes students with the foundations of teaching English to speakers of other languages (ESOL). Provides for examination of current theory and empirical data on language learning and teaching. Examine pedagogical implications/applications of teaching methodologies intended for non-native speakers of English by examining the latest research data. Seeks to meet the needs of practicing or prospective teachers enrolled in an undergraduate program. **Prerequisite:** ENGL 428 or permission of instructor. **Three hours per week with enhancement.**

453. MODERN POETRY

4 hours credit

A study of British and American poetry from Yeats through World War II. Poets include Hopkins, Yeats, Eliot, Pound, Frost, Williams, Robinson, Crane, Stevens, Auden and Dylan Thomas. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

454. WRITING CENTERS: THEORY AND PRACTICE

4 hours credit

Introduces students to peer tutoring as a mode of collaborative learning. Focuses on preparing students to lead writing center consultations. **Prerequisite:** C or better in ENGL 103, consent of instructor. **Three hours per week with enhancement.**

455. NON-FICTION WORKSHOP

4 hours credit

Read, discuss and analyze contemporary nonfiction to observe techniques in craftsmanship and present nonfiction for intensive examination by workshop participants. May be taken twice for credit. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

461. FEMINIST LITERATURE AND THEORY

4 hours credit

A survey of the growth and transformation of feminist literature and theory from the birth of the woman's movement in the nineteenth century to contemporary cultural feminist writings. We will also investigate modern and contemporary images and representations of women in literature, film and popular culture from a critical perspective that celebrates cultural diversity and alternative viewpoints. **Prerequisites:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

463. LITERARY ANALYSIS

4 hours credit

Analytical approaches to literature designed to teach teachers and prospective teachers traditional, formal, psychological, mythological and exponential analyses of narrative fiction, drama and poetry applied to the various genres.

Prerequisite: C or better in ENGL 103. **Three hours per week with enhancement.**

464. RHETORICAL CRITICISM

4 hours credit

Introduces critical methods for analyzing persuasive messages in a variety of genres and contexts. **Prerequisite:** C or better in ENGL 306 or 308. **Three hours per week with enhancement.**

465. COMPOSITION THEORY

4 hours credit

Explores current theories and research on writing process and product. Topics include: definitions of writing; rhetorical contexts; heuristics for pre-writing, writing and rewriting; questions of arrangement, style, grammar, mechanics and assessment. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

466. METHODS FOR COMPOSITION AND RHETORIC RESEARCH

4 hours credit

Applies theoretical concepts from ENGL 465 to current issues in composition and rhetoric research (such as basic writing, methods of responding to student writing and audience adaptation). Emphasizes modes of research for continuing investigation of these issues. **Prerequisite:** ENGL 465 or approval of the instructor. **Three hours per week with enhancement.**

467. HISTORY AND THEORY OF RHETORIC

4 hours credit

Study of how changing views of rhetoric affect public attitudes toward writing and influence writing instruction in schools and universities. Emphasizes shifting views toward style, argument and the relationship between persuasion and knowledge. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

469. TOPICS IN GLOBAL SOUTH LITERATURE

4 hours credit

Study of select topics in literature of the Global South (Africa, Asia, Latin America) that may include a specific region, genre, theme, period or movement. Topics vary according to instructors. May be repeated under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

470. TOPICS IN AFRICAN-AMERICAN LITERATURE

4 hours credit

Study of select topics in African-American literature that may include a specific region, genre, theme, period or movement. Topics vary according to instructors. May be repeated under different subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

471. MEDIEVAL ENGLISH LITERATURE

4 hours credit

A survey of literature produced in and around the British Isles between the 8th and 15th centuries of the Common Era. Anglo-Saxon and other early medieval selections presented in translation although the course includes instruction in rudimentary Old English. Middle English works (excluding Chaucer) presented in the original. Primary texts historicized and contextualized through secondary readings in history, ethnography, the arts, criticism. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

472. LITERATURE OF THE BRITISH RENAISSANCE

4 hours credit

A study of English literature, exclusive of Shakespeare, from 1500 to 1660. Authors studied may include, but are not limited to, More, Sidney, Spenser, Marlowe, Donne, Jonson, Lanyer, Marvell and Milton. Pays special attention to the period's rich

and varied modes of poetry, fiction, drama and nonfictional prose. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

473. RESTORATION AND 18TH CENTURY LITERATURE

4 hours credit

A study of British literature from 1660 through the 18th century. Writers studied include Behn, Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell, Goldsmith, Burns and Blake. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

474. ROMANTIC LITERATURE

4 hours credit

A study of British poetry and aesthetics from the French Revolution through the first third of the 19th century. Primary readings from Blake, Wordsworth, Coleridge, Byron, Shelley, Keats. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

475. VICTORIAN LITERATURE

4 hours credit

A study of major British literature during the reign of Queen Victoria. Writers studied may include Tennyson, Browning, Arnold, Carlyle, Newman and Ruskin. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

476. BRITISH NOVEL I: BEGINNINGS TO 1837

4 hours credit

A study of the history and development of the British novel from the beginnings to the coronation of Victoria. Novels may include, but are not limited to, works by Sidney, Behn, Defoe, Richardson, Fielding, Sterne, Burney, Austen and Mary Shelley. A variety of theoretical models are considered. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

477. BRITISH NOVEL II: 1837 TO THE PRESENT

4 hours credit

A study of the British novel from the coronation of Queen Victoria to the present day. Authors may include, but are not limited to, Charles Dickens, George Eliot, Thomas Hardy, Joseph Conrad, Virginia Woolf, Graham Greene and Martin Amis. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

479. CONTEMPORARY TRENDS IN BRITISH LITERATURE

4 hours credit

Contemporary trends in British literature from 1970 to the present. Writers may include Penelope Fitzgerald, Anita Brookner, A. S. Byatt, Seamus Heaney, Geoffrey Hill, Tom Stoppard, William Trevor, Martin Amis, Graham Swift, Ian McEwan and Brian Friel. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

480. COLONIAL AMERICAN LITERATURE

4 hours credit

A study of American literature prior to 1820. Writers studied may include Bradford, Bradstreet, Taylor, Edwards, Franklin, Irving and Cooper. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

481. THE AMERICAN RENAISSANCE

4 hours credit

A study of the Transcendental Movement and literature between 1830 and 1870. Emphasis on the works of Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson.

Prerequisite: C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

482. AMERICAN REALISM AND NATURALISM (1865-1925)

4 hours credit

Investigates the rise of Realism and Naturalism (1865-1925) in American literature and the relationship between the development of these forms and the historical and cultural atmospheres from which they emerged. Authors to be studied may include Henry James, William Dean Howells, Frank Norris, Stephen Crane, Charles Chesnutt, Edith Wharton and Theodore Dreiser. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

483. AMERICAN SOUTHERN WRITERS: MODERN TO PRESENT

4 hours credit

A study of literature produced in the South from 1930 to the present. Writers may include Faulkner, O'Connor, Welty, Porter, Warren, Percy, Capote, Taylor, Grau, Styron and Young. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

484. AMERICAN NOVEL I: BEGINNINGS TO 1900

4 hours credit

A study of major American novels through 1900. Writers studied may include Crane, Hawthorne, Melville and Twain. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

485. AMERICAN NOVEL II: 1900 TO THE PRESENT

4 hours credit

A study of major American novels from 1900 to the present, with a focus on Realism, Modernism and Postmodernism. Authors to be studied may include, but are not limited to, Wharton, Dreiser, Faulkner, Barnes, Capote, DeLillo and Morrison. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

488. CONTEMPORARY TRENDS IN AMERICAN LITERATURE

4 hours credit

Contemporary trends in U.S. literature from 1970 to the present. Writers may include McCarthy, DeLillo, Shepard, Tyler, Vonnegut, C. Johnson, Albee, Kincaid, Morrison, Walker, Silko. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

491. TOPICS IN LINGUISTICS AND LANGUAGE LEARNING

4 hours credit

An examination of selected topics of linguistics as they relate directly to first and second language learning. The course may focus in different semesters on such topics as phonology and language learning, syntactic theory and language learning, or discourse and language learning. This course may be repeated once under different course subtitles. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement.**

492. PRACTICUM IN ENGLISH

1-4 hours credit

Under the close supervision of a master teacher, an advanced student in an English option interns as a teaching assistant in a lower-division course in that option. **Prerequisites:** Nine hours of coursework in that option and approval of department chair. **Variable hours per week.**

493. INDEPENDENT STUDY

4 hours credit

Tutorial course in any area of English. Open to junior and senior English majors with superior English grades. **Prerequisite:** Permission of the department chair prior to registration. One conference weekly. May be taken twice. Not for graduate credit. **Three hours per week with enhancement.**

494. TOPICS IN ENGLISH: WRITING OR FILM

4 hours credit

Intensive study in language or film. May be repeated for credit in different areas of study. **Prerequisite:** C or better in ENGL 103 or permission of instructor. **Three hours per week with enhancement.**

495. TOPICS IN WRITING AND RHETORIC

4 hours credit

Intensive study of selected topics in writing and rhetoric. May be repeated in different areas of study for a maximum of six hours of credit. **Prerequisite:** C or better in ENGL 306 or 308. **Three hours per week with enhancement.**

496. TOPICS IN POETRY

4 hours credit

Deeply engage with contemporary poetry and its trends, produce publishable work and become fluent in the language of contemporary poetry broadly and in one particular aspect of that conversation specifically. Read some of the classic poems online and, through four monograph books, explore the range of technique in the contemporary collections. Explore advanced poetry techniques and gain a critical understanding of the important aspects of the discourse of contemporary poetry. Learn how to initiate, develop and complete a marketable project and become extremely well versed in one particularly important technique or topic. May be taken twice for credit with different topics. **Prerequisite:** ENGL 416 or 498 or approval of instructor. **Three hours per week with enhancement.**

497. UNDERGRADUATE RESEARCH

1-4 hours credit

Designed to encourage students to pursue an important area of research under the supervision of an English faculty member. Students will have the opportunity to study a topic in depth and design their own research project to contribute to that area's body of knowledge. Specific topics are indicated on student transcripts. Public presentation required. May be taken for a maximum of four credits. **Prerequisites:** C or better in ENGL 103, permission of instructor and department chair.

498. TOPICS IN PROSE

4 hours credit

Deeply engage with contemporary prose and its trends, produce publishable work and become fluent in the language of contemporary prose broadly and in one particular aspect of that conversation specifically. Read classic and contemporary prose, learn advanced prose techniques, and develop a critical understanding of contemporary prose and its discourse. May be taken twice for credit with different topics. **Prerequisite:** ENGL 415 or 455 or 496 or approval of instructor. **Three hours per week with enhancement.**

499. ENGLISH HONORS

3 hours credit

Independent study in an area of English leading to an honors thesis. **Prerequisite:** invitation by the Department of English.

500. SEMINAR IN AMERICAN LITERATURE THROUGH THE 19TH CENTURY

3 hours credit

A study of selected topics in American literature through the 19th century. Emphasizes one or more authors, genres or literary themes. May be repeated under different course subtitles. **Three hours per week.**

501. SEMINAR IN AMERICAN LITERATURE OF THE 20TH CENTURY

3 hours credit

A study of selected topics in American literature of the 20th century (up to 1945). Emphasizes one or more authors, genres or literary themes. May be repeated under different course subtitles. **Three hours per week.**

502. SEMINAR IN ENGLISH LITERATURE I

3 hours credit

A study of selected topics in English literature from the beginnings to 1660. Emphasizes one or more authors, genres or literary themes. May be repeated under different course subtitles. **Three hours per week.**

503. SEMINAR IN ENGLISH LITERATURE II

3 hours credit

A study of selected topics in English literature of the Restoration and 18th century. Emphasizes one or more major authors, genres or literary themes. May be repeated under different course subtitles. **Three hours per week.**

504. SEMINAR IN ENGLISH LITERATURE III

3 hours credit

A study in selected topics of English literature of the 19th century. Emphasizes one or more major authors, genres or literary themes. May be repeated under different course subtitles. **Three hours per week.**

505. SEMINAR IN ENGLISH LITERATURE IV

3 hours credit

A study of selected topics in English literature of the 20th century. Emphasizes one or more major authors, genres or literary themes. May be repeated under different course subtitles. **Three hours per week.**

507. STUDIES IN FILM

3 hours credit

Study of a director, period, genre, movement or theme in the area of film. May be repeated twice under different subtitles. **Three hours per week.**

508. METHODS AND THEORIES FOR LITERARY RESEARCH

3 hours credit

Introduces students to the methods and theories that are foundational to the study of literature at the graduate level and the application of those theories to literature. Beginning with New Criticism, the course explores dominant theoretical trends of the 20th century, including, but not limited to, Marxism, Feminism, Psychoanalysis and Multiculturalism. Examine key literary, critical and theoretical terms/concepts as well as learn to analyze secondary sources in the process of producing critically informed work. **Three hours per week.**

509. SEMINAR IN LANGUAGE STUDY

3 hours credit

A study in selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphology-syntax, or phonetics and phonemics, teaching standard English to speakers of other languages or to speakers of other dialects. May be repeated under different course subtitles. **Three hours per week.**

510. SEMINAR IN LITERATURE: SPECIAL TOPICS

3 hours credit

Examines topics in English and American literature which cross traditional, chronological, national or ontological boundaries. May be repeated under different course subtitles. **Three hours per week.**

511. CHAUCER

3 hours credit

Study of representative works by the 14th-century poet

Chaucer, taught in their original language, Middle English, with a special emphasis on *The Canterbury Tales*. **Three hours per week.**

512. MILTON

3 hours credit

The sonnets, companion poems, essays and drama. Emphasis on *Paradise Lost*. **Three hours per week.**

513. SHAKESPEARE

3 hours credit

A study of the major comedies and histories with an emphasis on the tragedies. **Three hours per week.**

514. WRITING PROGRAM ISSUES

3 hours credit

Explores successful writing programs, particularly at the college level, and their connections to research/theory in composition. Requires students to evaluate and propose guidelines for composition study and instruction. **Three hours per week.**

515. EASTERN SHORE WRITING PROJECT SUMMER INSTITUTE

3-6 hours credit

Explores current theories about the composing process and their implications for teaching writing and using writing to teach other content areas. Focuses on adapting and evaluating classroom activities for different grade levels and educational settings. Cross-listed with EDUC 515. **Prerequisite:** Permission of the instructor. **Three or six hours per week.**

516. FILM HISTORY

3 hours credit

The history of motion pictures with a focus on technical and artistic trends and the work of important artists and directors. **Three hours per week.**

522. INDIVIDUAL AUTHORS

3 hours credit

An intensive study of one to three writers of major stature (choice to be made by the instructor). **Three hours per week.**

528. ESOL TESTS AND MEASUREMENTS

3 hours credit

Introduces students to present-day language theory and practice. Objectives are not only to increase students' skills in writing classroom language tests and assessing standardized instruments, but also to improve their ability to evaluate language research in which testing plays a part. **Prerequisite:** ENGL 532 or 534 or permission of instructor. **Three hours per week.**

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in master's degree program under department supervision.

531. THESIS

3 hours credit

532. LITERACY AND ESOL READING

3 hours credit

Introduces students interested in questions of language acquisition to the theories and practices relating to learning to read in a second language or second dialect. Topics include models for acquiring foreign language reading skills, teaching strategies for second language/dialect literacy, evaluating literacy skills, investigating current research about acquisition of literacy skills, and exploring political and social implications of second/language/dialect literacy. **Three hours per week.**

533. ESOL PROGRAM DEVELOPMENT

3 hours credit

Introduces students to the theory, practice and special needs

in developing and implementing an ESOL curriculum in a public, private or business enterprise for language learners K-adult. Allows students to explore the complexities involved in planning and developing a language curriculum; sensitize themselves to the cultural conflicts and biases, both sociolinguistic and linguistic, which are faced by limited English-proficient students; and to prepare for the actual writing and implementing of an ESOL curriculum where needed. **Three hours per week.**

534. LITERACY AND ESOL WRITING

3 hours credit

Introduces students interested in questions of language acquisition to the theories and practices of learning to write in a second language or second dialect. Topics include writing theory, writing strategies, and second language writers and rhetorical concerns. In addition, students will examine teaching methodologies for second language/dialect literacy, evaluating literacy skills, current research about acquisition of literacy skills, and political and social implications of second language/dialect literacy. **Prerequisite:** ENGL 537 or permission of instructor. **Three hours per week.**

535. LANGUAGE AND CULTURE

3 hours credit

Emphasizes a linguistic approach to the peculiar relationship between a language and the cultural total of which the language is a part. It examines language variations within a community according to gender, age, geography, ethnicity, socioeconomic class and education, while considering the educational, political and economic implications. Specifically, this course should be considered an exploration of the study of language in its social setting. **Three hours per week.**

536. PRINCIPLES OF LINGUISTICS

3 hours credit

An introductory study of nature of language from both a theoretical and applied perspective. The focus is on the study of sounds and articulation (phonetics), sound systems (phonology), word structure and formation (morphology), phrase and sentence structure (syntax), aspects of meaning (semantics) and will also concentrate on applied aspects of linguistic study such as neurolinguistics, psycholinguistics, sociolinguistics, computational linguistics, and first and second language acquisition. To provide students with a fundamental understanding of core areas of linguistics and to equip students with the analytical techniques and methods required to solve questions about language. **Three hours per week.**

537. SURVEY OF MODERN ENGLISH GRAMMAR

3 hours credit

To provide an understanding of the systematic structure and rules of English, i.e., the system underlying the construction of possible sentences in the English language; the grammatical terminology and concepts necessary for the analysis of English structures, i.e., the metalanguage of analysis; the application of such a theoretical background in the actual linguistic analysis of English constructions; the utility of such a knowledge in the future teaching of English, to both native and ESOL speakers; and some typical fallacies concerning the structure and pedagogical applications of English grammar. **Three hours per week.**

538. BILINGUALISM

3 hours credit

To familiarize students with various aspects of bilingual education and language contact from a social-psychological perspective. Explore the role of the mind in bilingualism and in language acquisition. Content addresses the societal, political and cultural implications of bilinguality and the cognitive and educational implications. It aims to provide analysis and evaluation of current theory and research on bilingualism, as well as for examination of pertinent pedagogical implications/applications. **Three hours per week.**

539. SECOND LANGUAGE ACQUISITION

3 hours credit

An introduction to second language acquisition (SLA) theory and application of SLA theory to second/foreign language teaching practices. Explores what it means to know a language and, hence, how one learns a second language. **Three hours per week.**

547. CURRENT APPROACHES IN ESOL INSTRUCTION

3 hours credit

Familiarizes students with the foundations of teaching English to speakers of other languages (ESOL). It provides for examination of current theory and empirical data on language learning and teaching. Participants will examine pedagogical implications/applications of teaching methodologies intended for non-native speakers of English by examining the latest research data. This course seeks to meet the needs of practicing or prospective teachers enrolled in a graduate program. **Prerequisite:** ENGL 428/528 or permission of instructor. **Three hours per week.**

553. MODERN POETRY

3 hours credit

A study of British and American poetry from Yeats through World War II. Poets include Hopkins, Yeats, Eliot, Pound, Frost, Williams, Robinson, Crane, Stevens, Auden and Dylan Thomas. **Three hours per week.**

561. FEMINIST LITERATURE AND THEORY

3 hours credit

A survey of the growth and transformation of feminist literature and theory from the birth of the woman's movement in the nineteenth century to contemporary cultural feminist writings. We will also investigate modern and contemporary images and representations of women in literature, film and popular culture from a critical perspective that celebrates cultural diversity and alternative viewpoints. **Three hours per week.**

564. RHETORICAL CRITICISM

3 hours credit

Introduces critical methods for analyzing persuasive messages in a variety of genres and contexts. **Three hours per week.**

565. COMPOSITION THEORY

3 hours credit

Explores current theories and research on writing process and product. Topics include: definitions of writing; rhetorical contexts; heuristics for pre-writing, writing and rewriting; questions of arrangement, style, grammar, mechanics and assessment. **Three hours per week.**

566. METHODS FOR COMPOSITION AND RHETORIC RESEARCH

3 hours credit

Applies theoretical concepts from ENGL 465 to current issues in composition and rhetoric research (such as basic writing, methods of responding to student writing and audience adaptation). Emphasizes modes of research for continuing investigation of these issues. **Prerequisite:** ENGL 465/565 or approval of the instructor. **Three hours per week.**

567. HISTORY AND THEORY OF RHETORIC

3 hours credit

Study of how changing views of rhetoric affect public attitudes toward writing and influence writing instruction in schools and universities. Emphasizes shifting views toward style, argument and the relationship between persuasion and knowledge. **Three hours per week.**

569. TOPICS IN GLOBAL SOUTH LITERATURE

3 hours credit

Study of select topics in literature of the Global South (Africa, Asia, Latin America) that may include a specific region, genre,

theme, period or movement. Topics vary according to instructors. May be repeated under different subtitles. **Three hours per week.**

570. TOPICS IN AFRICAN-AMERICAN LITERATURE

3 hours credit

Study of select topics in African-American literature that may include a specific region, genre, theme, period or movement. Topics vary according to instructors. May be repeated under different subtitles. **Three hours per week.**

571. MEDIEVAL ENGLISH LITERATURE

3 hours credit

A survey of literature produced in and around the British Isles between the 8th and 15th centuries of the Common Era. Anglo-Saxon and other early medieval selections presented in translation although the course includes instruction in rudimentary Old English. Middle English works (excluding Chaucer) presented in the original. Primary texts historicized and contextualized through secondary readings in history, ethnography, the arts, criticism. **Three hours per week.**

572. ELIZABETHAN AND JACOBEAN LITERATURE

3 hours credit

A study of major British literature, exclusive of Shakespeare, from 1500-1660. Authors include Sidney, Spenser, Donne and Milton. **Three hours per week.**

573. RESTORATION AND 18TH CENTURY LITERATURE

3 hours credit

A study of British literature from 1660 through the 18th century. Writers studied include Behn, Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell, Goldsmith, Burns and Blake. **Three hours per week.**

574. ROMANTIC LITERATURE

3 hours credit

A study of British poetry and aesthetics from the French Revolution through the first third of the 19th century. Primary readings from Blake, Wordsworth, Coleridge, Byron, Shelley, Keats. **Three hours per week.**

575. VICTORIAN LITERATURE

3 hours credit

A study of major British literature during the reign of Queen Victoria. Writers studied may include Tennyson, Browning, Arnold, Carlyle, Newman and Ruskin. **Three hours per week.**

576. BRITISH NOVEL I: BEGINNINGS TO 1837

3 hours credit

A study of the history and development of the British novel from the beginnings to the coronation of Victoria. Novels may include, but are not limited to, works by Sidney, Behn, Defoe, Richardson, Fielding, Sterne, Burney, Austen and Mary Shelley. A variety of theoretical models are considered. **Three hours per week.**

577. BRITISH NOVEL II: 1837 TO THE PRESENT

3 hours credit

A study of the British novel from the coronation of Queen Victoria to the present day. Authors may include, but are not limited to, Charles Dickens, George Eliot, Thomas Hardy, Joseph Conrad, Virginia Woolf, Graham Greene and Martin Amis. **Three hours per week.**

579. CONTEMPORARY TRENDS IN BRITISH LITERATURE

3 hours credit

Contemporary trends in British literature from 1970 to the present. Writers may include Penelope Fitzgerald, Anita Brookner, A. S. Byatt, Seamus Heaney, Geoffrey Hill, Tom Stoppard, William Trevor, Martin Amis, Graham Swift, Ian McEwan and Brian Friel. **Three hours per week.**

580. COLONIAL AMERICAN LITERATURE**3 hours credit**

A study of American literature prior to 1820. Writers studied may include Bradford, Bradstreet, Taylor, Edwards, Franklin, Irving and Cooper. **Three hours per week.**

581. THE AMERICAN RENAISSANCE**3 hours credit**

A study of the Transcendental Movement and literature between 1830 and 1870. Emphasis on the works of Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson. **Three hours per week.**

582. AMERICAN REALISM AND NATURALISM**(1865-1925)****3 hours credit**

Investigation of the rise of Realism and Naturalism (1865-1925) in American literature and the relationship between the development of these forms and the historical and cultural atmospheres from which they emerged. Authors to be studied may include Henry James, William Dean Howells, Frank Norris, Stephen Crane, Charles Chesnutt, Edith Wharton and Theodore Dreiser. **Three hours per week.**

583. AMERICAN SOUTHERN RENAISSANCE:**1930-1970****3 hours credit**

A study of fiction produced in the South between 1930 and 1970. Writers may include Glasgow, Faulkner, O'Connor, Welty, Porter, Warren, Percy, Capote, Taylor, Grau, Styron and Young. **Three hours per week.**

584. AMERICAN NOVEL I: BEGINNINGS TO 1900**3 hours credit**

A study of major American novels through 1900. Writers studied may include Crane, Hawthorne, Melville and Twain. **Three hours per week.**

585. AMERICAN NOVEL II: 1900 TO THE PRESENT**3 hours credit**

A study of major American novels from 1900 to the present, with a focus on Realism, Modernism and Postmodernism. Authors to be studied may include, but are not limited to, Wharton, Dreiser, Faulkner, Barnes, Capote, DeLillo and Morrison. **Three hours per week.**

588. CONTEMPORARY TRENDS IN AMERICAN LITERATURE**3 hours credit**

Contemporary trends in U.S. literature from 1970 to the present. Writers may include McCarthy, DeLillo, Shepard, Tyler, Vonnegut, C. Johnson, Albee, Kincaid, Morrison, Walker, Silko. **Three hours per week.**

590. TOPICS IN ENGLISH: LITERATURE**1-3 hours credit**

Intensive study of a literary genre, figure or period. May be repeated for credit in different areas of study.

591. TOPICS IN LINGUISTICS AND LANGUAGE LEARNING**3 hours credit**

An examination of selected topics of linguistics as they relate directly to first and second language learning. The course may focus in different semesters on such topics as phonology and language learning, syntactic theory and language learning, or discourse and language learning. This course may be repeated once under different course subtitles. **Three hours per week.**

592. PRACTICUM IN ENGLISH**1-3 hours credit**

Under the close supervision of a master teacher, an advanced student in an English option interns as a teaching assistant in a lower-division course in that option.

Prerequisites: Nine hours of course work in that option, approval of department chair. **Variable hours per week.**

594. TOPICS IN ENGLISH: WRITING OR FILM**1-3 hours credit**

Intensive study in language or film. May be taken for credit in different areas of study.

595. TOPICS IN WRITING AND RHETORIC**3 hours credit**

Intensive study of selected topics in writing and rhetoric. May be taken in different areas of study for a total of six hours of credit. **Three hours per week.**

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

400. BUSINESS ENGLISH FOR INTERNATIONALS**3 hours credit**

Introduction to the specific English language skills needed in the genre of business and in technical communication for students for whom English is not a native language. The course aims at augmenting English skills through contextualized vocabulary and language enrichment via exposure to content-rich materials in the area of marketing, international business, management and computer applications. Students will be exposed to both formal and informal protocols of the discourse of business English via a variety of media. **Prerequisite:** Permission of the instructor. **Three hours per week.**

ENVIRONMENTAL HEALTH SCIENCE (ENVH)

110. INTRODUCTION TO ENVIRONMENTAL SCIENCE**3 hours credit**

Introduction to the interactions of living organisms and the environment, with an emphasis on human interactions. Environmental science principles, consequences of environmental pollution and resource depletion that lead to environmental degradation are presented. Global environmental challenges, such as global stratospheric ozone depletion and biodiversity loss are examined, along with air and water pollution and population issues. May not be used to satisfy requirements for the environmental health science major. **Three hours per week. Meets General Education IVB.**

210. INTRODUCTION TO ENVIRONMENTAL HEALTH SCIENCE**3 hours credit**

Introduces students to aspects of human impact on the environment and means of monitoring, controlling and regulating detrimental practices. Topics include food technology and protection; housing, industrial, occupational and recreational environments; air quality, waste management; and water quality and pollution control programs. May be taken for biology credit by non-environmental health science majors. **Prerequisite:** BIOL 210 or 212 or 213. **Three hours per week.**

301. PRINCIPLES OF EPIDEMIOLOGY**3 hours credit**

Introduction to basic principles, history and scope of epidemiology. Emphasis on study of patterns of diseases related to environmental factors. May be taken for biology credit by non-environmental health science majors. **Prerequisites:** ENVH 210 and MATH 155 or 213. **Three hours per week.**

302. FOOD ASPECTS OF ENVIRONMENTAL HEALTH SCIENCE**3 hours credit**

Study of food and dairy products process, handling, preparation, storage, preservation, associated illnesses and regulatory programs as they impact human health and environmental health control programs. May be taken for biology credit by non-environmental health science majors. **Prerequisite:** ENVH 210. **Three hours per week.**

310. SHELTER AND INSTITUTIONAL ENVIRONMENTS**3 hours credit**

Study of environmental health problems associated with human dwellings. Emphasizes sociological and educational principles as important to problem solution. Considers environmental health problems of hospitals, nursing homes, jails, schools, colleges and other public institutions. **Prerequisite:** ENVH 301. **Three hours per week.**

320. SAFETY AND OCCUPATIONAL HEALTH**3 hours credit**

Study of health and safety problems found in industry and analysis of acute and chronic diseases associated with various occupations and industrial settings. Considers Occupational Safety and Health Administration (OSHA) regulations and other federal and state mandates in depth. **Prerequisite:** ENVH 301. **Three hours per week.**

330. SOLID AND HAZARDOUS WASTE MANAGEMENT**3 hours credit**

Study of the generation, collection and disposal of solid and hazardous waste materials. Considers Toxic Substance Control Act, Department of Transportation Regulation, the Resource Conservation and Recovery Act in detail. **Prerequisite:** CHEM 221. **Three hours per week.**

415. RESEARCH IN ENVIRONMENTAL HEALTH SCIENCE**3 hours credit**

Research experience as an independent study under the supervision of a faculty member. **Prerequisite:** Permission of instructor. **Schedule to be arranged individually.**

420. READINGS IN ENVIRONMENTAL HEALTH SCIENCE**1-2 hours credit**

Selected readings in a specific area of environmental health science. Process of gathering, interpreting and communicating specific information is emphasized. Ten pages of research report(s) are required for each credit hour. **Prerequisites:** Junior or senior standing and approval of the instructor.

425. TOXICOLOGY**3 hours credit**

Introduction to basic principles, history and scope of modern toxicology, and to the effects and to the mechanisms of toxicants. Includes applications to risk assessment, regulations and industry. Cross-listed with BIOL 425. May not be taken for credit if student has credit for BIOL 425. **Prerequisite:** Junior standing, eight hours of chemistry or eight hours of biology or permission of instructor. **Three hours per week.**

430. GROUND AND SURFACE WATER QUALITY**4 hours credit**

Study of the science and management of ground and surface water quality. Emphasis on health effects exposure assessment, regulation and public health policy. Local, regional and global water quality issues covered. **Prerequisites:** ENVH 210, junior standing and 16 hours of science courses. **Three hours lecture, three hours laboratory per week.**

440. AIR QUALITY**4 hours credit**

Study of the science and management of ambient and indoor

air quality. Emphasis on health effects, exposure assessment, regulation and public health policy. Local, regional and global air quality issues covered. **Prerequisites:** ENVH 210, junior standing and 16 hours of science courses. **Three hours lecture, three hours laboratory per week.**

450. PUBLIC HEALTH ADMINISTRATION**3 hours credit**

In-depth analysis of management practices and policies for environmental health programs. Considers relationship of these programs to federal and state government agencies. **Prerequisites:** ENVH 301 and either senior standing as an environmental health major or approval of program director. **Three hours per week.**

475. ENVIRONMENTAL ADMINISTRATION AND INTERNSHIP**6 hours credit**

Basic concepts of environmental management, law, economics and risk analysis are presented during the spring, followed in the summer by an approved internship for a minimum of 40 hours a week for five weeks and participation in the a fall seminar series of presentations by student interns in the class. **Prerequisite:** Permission of the program director. **One hour per week in spring and fall, plus minimum of 40 hours per week for five weeks in summer.**

490. SPECIAL TOPICS IN ENVIRONMENTAL HEALTH SCIENCE**1-4 hours credit**

Study of a specific area in environmental health science. Topic varies semester to semester. May be taken for up to eight credit hours under different subtitles. **Prerequisite:** ENVH 301.

495. ENVIRONMENTAL HEALTH FIELD EXPERIENCE OPTION**1-3 hours credit**

Work experience in an environmental health science or environmental protection office or agency. Does not substitute for the required ENVH 475 internship. **Prerequisites:** Junior standing, environmental health major and approval of advisor. **Three hours work per week per credit hour up to three credit hours.**

ENVIRONMENTAL STUDIES (ENVR)

102. INTRODUCTION TO SUSTAINABILITY**4 hours credit**

Experiential examination of the effects human activities have on the environment. Field trips may include aquaculture facilities, commercial fishing operations, factory farms (of both plants and animals), organic farms, large-scale composting operations, sewage treatment plants, pine plantations, chip mills and power plants. **Three hours per week with enhancement. Meets General Education IVB.**

150. ENVIRONMENTAL PERSPECTIVES**4 hours credit**

Interdisciplinary study of environmental issues with content that may vary semester to semester. A selected environmental topic is covered in depth from the perspective of different disciplines. Challenges students to evaluate environmental issues under differing contexts and perspectives. May be taken twice under different course topics. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

200. ENVIRONMENTAL STUDIES IN THE AMAZON**3 hours credit**

Central course for the environmental studies winter program in Brazil. An intensive five-week introduction to the history,

politics, geography, culture and biology of the Amazonian region of Brazil. Interdisciplinary approach includes lectures, field excursions and applied projects in Brazil. **Over five weeks, 15 three-hour classes and 10 extended day trips.**

205. ART, NATURE, CULTURE

4 hours credit

Considers how humans – individually and collectively – have understood nature, primarily drawing from philosophy, literature, history and the arts. Special emphasis upon the genre of natural history as a bridge between the questions raised by the humanities about the living world and the natural sciences. **Three hours per week with enhancement.**

210. PRINCIPLES OF ENVIRONMENTAL ECONOMICS

4 hours credit

Introduction to the ideas and tools economists use to understand human behavior that is constrained by scarce resources with applications to environmental policy. Analytic tools, including demand and supply analysis, will be used to introduce students to policies to address externalities, including the use of taxes, subsidies and marketable pollution permits. **Three hours per week with enhancement.**

300. ENVIRONMENT AND SOCIETY: METHODS AND ANALYSIS

4 hours credit

Provides an overview of methodologies for the study of the interactions between human societies and the environment, with particular attention to the social sciences and history. Focus on the emergence of environmental policy regimes, and public and political discourses surrounding those regimes. **Prerequisite:** ENVR 102. **Three hours per week with enhancement.**

305. TOPICS IN HUMANITIES/SOCIAL SCIENCES

4 hours credit

Interdisciplinary investigation of a topic in the environmental humanities or social sciences. May be taken three times under different course titles. **Prerequisites:** ENVR 102 and ENVR 205, 210 or 300. **Three hours per week with enhancement.**

315. GARBAGE AND EVERYDAY LIFE

4 hours credit

Interdisciplinary investigation of the political, social and economic relations of waste. Considers what our wasting practices can tell about the causes and consequences of environmental degradation. **Prerequisite:** Junior standing. **Three hours per week with enhancement.**

320. ENVIRONMENTAL JUSTICE

4 hours credit

Questions how human systems of distribution of resources, of space and of pollution intersect with environmental degradation, human health concerns and access to environmental amenities. Central to this framing of environmental studies is the question of equity – what is fair and just? How do environments replicate systems of human injustice or exploitation? Focus is historical and contemporary, analyzing current environmental justice concerns and considering their historical antecedents. **Prerequisites:** Two courses in ENVR or junior standing. **Three hours per week with enhancement.**

325. WILDERNESS AND ENVIRONMENTALISM

4 hours credit

Investigates the role of wilderness in contemporary and historical conceptions, of attitudes toward, and in conversation of nature. Drawing from history, literature, philosophy, the arts, cultural studies, public policy and conservation biology, explore the emergence and impact of wilderness preservation as a key component of both the environmental movement and global conservation politics. **Prerequisites:** Two courses in ENVR or junior standing. **Three hours per week with enhancement.**

349. INTERNATIONAL STUDY OF POLICY, VALUES AND ENVIRONMENT

4 hours credit

On-site study of the interactions between social values, public policy and the environment, with a focus on a particular international context (for example, sustainable development in Costa Rica) at an affiliated institution (for example, School for Field Studies). **Prerequisite:** Admission to relevant program. **Four hours lecture per week.**

350. TOPICS IN THE NATURAL SCIENCES

4 hours credit

Interdisciplinary investigation of a topic in the environmental natural sciences. May be taken three times under different course titles. **Prerequisite:** Two lab science courses in different departments. **Three hours per week with enhancement.**

353. CONSERVATION AND BIODIVERSITY

4 hours credit

Focuses on why preserving biodiversity is critical for nature and humankind. Learn ways to describe biodiversity at different scales, discuss major threats to biodiversity, and explore methods for conserving and preserving biodiversity. Focuses on the role that local communities play in conservation, with visits to local conservation organizations and researchers. **Prerequisite:** Two lab science courses in different departments. **Three hours lecture, two hours laboratory per week.**

355. WILDLIFE MANAGEMENT AND FIELD TECHNIQUES

4 hours credit

Focuses on the theoretical and practical issues surrounding wildlife management. Field trips permit visits to local agencies managing natural areas and give hands-on experience in techniques that commonly are used to assess, monitor and quantify wildlife populations and their habitats. Focuses on the ever-increasing importance of "human dimensions" of wildlife management. **Prerequisite:** Two lab science courses in different departments. **Three hours lecture, two hours laboratory per week.**

399. INTERNATIONAL FIELD STUDY OF RESOURCE MANAGEMENT AND SUSTAINABILITY

4 hours credit

On-site study of the principles of resource management, with a focus on a particular international context (for example, in the tropical forest of Costa Rica) at an affiliated institution (for example, School of Field Studies). **Prerequisite:** Admission to relevant program. **Four hours lecture per week.**

400. CONTEMPORARY ENVIRONMENTAL ISSUES

1 hour credit

Discussion seminar focused upon the review and analysis of environmental topics in the mainstream media. **Prerequisite:** ENVR 102. **One hour per week.**

460. TOPICS IN CHESAPEAKE BAY STUDIES

3-4 hours credit

Interdisciplinary investigation of the social, cultural and physical aspects of the Chesapeake Bay and its associated human communities. Special attention to the environmental impacts of human actions and decisions in the Chesapeake Bay watershed and the ways in which environmental factors have in turn impacted human communities. May be taken twice under different course titles. **Prerequisites:** Sophomore standing. **Three to four hours per week.**

480. INTERNSHIP IN ENVIRONMENTAL STUDIES

3-6 hours credit

Provides opportunities to apply theory, principles and knowledge within a practical experience in a local, state, federal or private organization. Major paper and journal required. **Prerequisite:** Permission of environmental studies advisor. **Eight hours a week for 14 weeks or equivalent.**

485. DIRECTED STUDY IN ENVIRONMENTAL STUDIES

1-4 hours credit

Supervised independent study in preparation to complete ENVR 490 or as a means for additional in-depth study of a particular topic under the direction of a faculty member. **Prerequisites:** Junior standing, permission of instructor. **One to four hours per week.**

486. DIRECTED RESEARCH IN ENVIRONMENTAL STUDIES

1-4 hours credit

Provides advances students the opportunity to complete an independent supervised research project. Students will present their findings in a public forum. **Prerequisites:** Junior standing, permission of instructor. **One to four hours per week.**

490. SENIOR THESIS IN ENVIRONMENTAL STUDIES

4 hours credit

Independent study undertaken for senior thesis at the invitation of the department. Students design and complete a research project, and present their findings in a public forum. **Prerequisites:** ENVR 485, junior standing, permission of the chair and the instructor.

495. ENVIRONMENTAL FIELD STUDIES

1-4 hours credit

Field course taught abroad or in a remote setting within the United States. Particular attention to the interdisciplinary environmental issues associated with a particular location in which the field study occurs from a primarily humanistic or social science perspective. May be taken twice for different field courses. **Prerequisites:** Sophomore standing. **Variable hours per week.**

499. ENVIRONMENTAL SENIOR SEMINAR

4 hours credit

Seminar and practicum focused on local environmental issue. Students will analyze the issue by doing background research and interviewing stakeholders. The seminar will culminate with a formal presentation in which students present their analysis and suggestions. Suggestions will be implemented if time and topic permits. **Prerequisites:** Junior status and completion of 20 core credits in environmental studies major. **Three hours per week with enhancement.**

EXERCISE SCIENCE (EXSC)

185. INTRODUCTION TO EXERCISE SCIENCE

1 hour credit

Introduces the student to the exercise science discipline. Examination of concepts including professionalism, ethics, certification and licensure, employment opportunities and scientific foundations of the various subdisciplines. **One hour per week.**

213. INJURY PREVENTION AND EMERGENCY MANAGEMENT

4 hours credit

Basic first aid and emergency concepts (CPR), as well as prevention, recognition, treatment and management of injuries and physical disabilities that effect exercise. Initial and follow-up care are studied, along with the influence of training and program design on adaptations associated with diseases, functional disabilities and injuries that affect strengthening techniques. **Four hours per week.**

240. FITNESS TESTING

4 hours credit

Presents practical as well as theoretical knowledge about the various models and protocols used in health-related fitness assessment. Focuses on developing expertise in preparation

of clients for fitness testing, utilization of various modes of exercise testing and test interpretation. **Three hours lecture, two hours lab per week.**

250. STRENGTH TRAINING TECHNIQUES AND PROGRAM DESIGN

4 hours credit

Examination of strength training techniques and program design. Emphasis placed on proper form and utilization of various workout designs to complement larger training goals. Gain experience in the theoretical and practical aspects of designing individual workout sessions, periodization and programming to enhance progression. May not receive credit for both EXSC 250 and EXSC 312. **Prerequisite:** FTWL 106/PHED 175. **Three hours lecture, two hours lab per week.**

295. FITNESS INSTRUCTION

4 hours credit

Learn to design and lead group exercise sessions and one-on-one personal fitness training exercise sessions offered in community and wellness settings. Demonstrate or lead exercise screening and clearance, assessment, evaluation, prescription and instruction for individualized and group exercise programming. Learn physiological and biomechanical principles related to group and individual exercise sessions as well as safety, motivation and adherence, and modifications for diverse populations. Progressive exercise programming for both individual and group exercise settings is applied through laboratory experiences. Assists in meeting the requirements to be eligible for and pass a group fitness instruction, personal fitness training, or strength and conditioning certification. **Prerequisite:** EXSC 240, 250. **Three hours lecture, two hours lab per week.**

300. HEALTH-FITNESS PROGRAMS AND PROFESSIONS

4 hours credit

Introduction to the exercise science discipline, including certification and licensure, organizations, and employment opportunities. Examines the health-fitness specialist's role in facility administration and program management, including health promotion programming, marketing, equipment maintenance, facility design and documented safety procedures. May not receive credit for both EXSC 300 and EXSC 335. **Prerequisite:** FTWL 106. **Four hours per week.**

301. RESEARCH METHODS IN EXERCISE SCIENCE

3 hours credit

Designed to help students understand, evaluate and conduct exercise science research. Class members will learn basic concepts and procedures used for conducting research and will become better consumers of research. Students will collaborate to design and present their original research study proposal. **Prerequisite:** Fifteen hours in exercise science and/or athletic training. **Three hours per week.**

308. RESEARCH IN EXERCISE SCIENCE

3 hours credit

Designed to help students understand, evaluate and conduct exercise science research. Examine the basic concepts and procedures used for conducting research, acquire skills required to become better consumers of research and develop an understanding of how to apply research findings. Collaborate to design and present an original research study. **Prerequisite:** Permission of the instructor. **Nine hours per week.**

333. KINESIOLOGY

4 hours credit

Examination of the structure and function of the human body and the mechanical principles affecting its movement. Review of the musculoskeletal system followed by an in-depth study of how human movement occurs. Presentation of nomenclature of the body planes, axes and movement. May not receive credit for both PHEC 333 and PHEC 433. **Prerequisite:** C or better in BIOL 215. **PHED Major Prerequisite:** C or better in BIOL 205. **Five hours per week.**

344. EXERCISE PHYSIOLOGY**4 hours credit**

In-depth study of changes that occur due to acute and chronic exercise. Emphasis on circulatory, nervous and muscular systems. May not receive credit for both EXSC 344 and EXSC 332. **Prerequisite:** C or better in BIOL 216. **PHED Major Prerequisite:** C or better in BIOL 205. **Five hours per week.**

462. EXERCISE AND SPECIAL POPULATIONS**4 hours credit**

In-depth study of changes that occur due to acute and chronic exercise and the influence of aging on these processes. Examination of physiologic differences among individuals with various medical conditions. Behavioral modification counseling skills for various populations are developed. **Prerequisites:** EXSC 240, 250, 344. **Four hours per week.**

472. STRESS TESTING AND EXERCISE PRESCRIPTION**4 hours credit**

Presents practical as well as theoretical knowledge about the various modes and protocols used in graded exercise testing, basic electrocardiography and exercise prescription based on testing results. Laboratory sessions provide opportunities for students to gain practical experience in performing various physiological testing procedures. May not receive credit for both EXSC 472 and EXSC 481. **Prerequisites:** EXSC 240, 344. **Three hours lecture, two hours lab per week.**

479. INTERNSHIP IN EXERCISE SCIENCE
1-10 hours credit

Internship experience designed to provide students with an opportunity to gain real-world experience in exercise science settings. Students select an internship site and complete 375 hours of work, completing assignments as outlined in the *Exercise Science Internship Manual*. **Prerequisites:** EXSC 333, 344 and 90 credit hours or departmental approval. **Corequisite:** EXSC 480. **37.5 hours per credit. (P/F)**

480. EXERCISE SCIENCE SEMINAR**2 hours credit**

Review of the American College of Sports Medicine's knowledge, skills and abilities (KSA) for a Health-Fitness Specialist (HFS). Exercise science majors must pass a national credentialing exam in the health-fitness field. Prepares students for the American College of Sports Medicine's HFS examination. **Prerequisites:** EXSC 333, 344 and must have at least 100 credits. **Two hours per week.**

490. SELECTED TOPICS IN HEALTH**4 hours credit**

Provides opportunities to investigate special themes or issues of interest to students and the health profession. Topics will vary each semester. May be repeated once under different course subtitles for a total of six credits. **Prerequisite:** Designated by topic. **Four hours per week.**

FINANCE (FINA)**104. PERSONAL FINANCE****3 hours credit**

Comprehensive survey of personal financial topics including budgeting; borrowing; savings and investments; life, health and casualty insurance; and home buying. Emphasis on lifetime economic cycle. **Three hours per week. Meets General Education IIIB or IIIC.**

311. FINANCIAL MANAGEMENT**3 hours credit**

Addresses fundamental concepts in financial management such as security markets, interest rates, taxes, risk analysis, time value of money, valuation models and related global

issues. Explains how financial managers help maximize the value of a firm by making capital budgeting, cost of capital and capital structure decisions. **Prerequisites:** Majors: Admission to the professional program, C or better in ECON 211, 212. Minors or others: junior status, C or better in ACCT 201, MATH 155, ECON 150 or 211. **Three hours per week.**

312. RISK MANAGEMENT AND INSURANCE**3 hours credit**

Examines principles and practices of asset and income conservation for businesses and individuals through various risk-management techniques including insurance. **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

338. SPECIAL TOPICS IN FINANCE**3 hours credit**

Advanced study of varying finance topics based on students' interests and needs. May be repeated once for credit under different subtitle. May substitute for finance major elective depending on the topic (see director of undergraduate studies). **Major Prerequisites:** Varies by topics and admission to Professional Program. **Non-Major Prerequisites:** Varies by topics and junior standing. **Three hours per week.**

440. CORPORATE FINANCE**3 hours credit**

Study of corporate financial policy issues within the context of value creation. Topics include in-depth analysis of advanced capital budgeting methods, capital structure policy, dividend policy, derivatives and hedging risk within the context of corporate financial policy. Case studies, application-oriented articles and daily media reports used to bridge the academic/theoretical arguments to the real life problems/situations. **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

441. INVESTMENTS I**3 hours credit**

Examines the capital market and marketable securities traded in the market, with emphasis on stocks and fixed income securities. Topics include portfolio theory, the efficient market hypothesis and evaluation of portfolio performance. **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

442. FINANCIAL DERIVATIVES**3 hours credit**

Advanced study of security markets and investment alternatives. Topics include options, futures, advanced security analysis, portfolio theory, portfolio management and international dimensions of investing. **Prerequisite:** FINA 441 with C or better. **Three hours per week.**

443. ESSENTIALS OF REAL ESTATE**3 hours credit**

Analysis of the structure of real estate markets. Study of principles of mortgage lending, property appraisal and real estate investments. **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

445. FINANCIAL INSTITUTIONS AND MARKETS**3 hours credit**

Examines the structure and functions of depository and non-depository financial institutions, the money and capital markets, and the role of government in the financial markets. **Prerequisite:** FINA 311 with grade of B or better or economics major with senior status. **Three hours per week.**

446. RETIREMENT PLANNING**3 hours credit**

Introduces the student to the study and application of contemporary techniques for individual retirement planning. The instruction will include the retirement field as a profession, as well as the personal financial planning process (budgeting, emergency fund planning, credit and debt management) and

personal financial statements. Other specific topics covered include: the Social Security system and Medicare, defined benefit plans versus defined contribution plans, vesting, tax effects of investing, qualified versus nonqualified plans and tax-advantaged retirement plans (401K, 403b, etc. accounts). **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

447. INTERNATIONAL FINANCIAL MANAGEMENT**3 hours credit**

Analysis of the foreign exchange markets, exchange rate behavior and risk management, international trade financing, country risk analysis, international banking and the role of direct foreign investment. **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

448. ESTATE PLANNING**3 hours credit**

Introduces the student to the study and application of contemporary techniques for individual estate planning. The instruction will include the estate-planning field as a profession, as well as relevant financial services industry regulation. The course covers: the personal financial planning process (budgeting, emergency fund planning, credit and debt management), personal financial statements, property titling (types and consequences), monetary settlement, property transfer at death and estate documents. **Prerequisite:** FINA 311 with grade of B or better. **Three hours per week.**

449. PRACTICUM IN PORTFOLIO MANAGEMENT**3 hours credit**

Practical experience in managing an investment portfolio in a teamwork environment, with emphasis on economic, industry and company analysis; report preparation; security selection; daily decision making; record keeping; and performance evaluation. Students will be responsible for making all material decisions in managing the Perdue School Student Managed Investment Fund and interact regularly with external advisors for feedback on their research. Completion of this course satisfies the ABLE requirement. May be repeated for an additional three hours credit. **Prerequisites:** FINA 441 and permission of instructor. **Three hours per week.**

450. CASE STUDIES IN PERSONAL FINANCIAL PLANNING**3 hours credit**

Examines professional issues in financial planning, including ethical considerations, regulation and certification requirements, written communication skills, and professional responsibility. Utilize skills obtained in other courses and work experiences in the completion of a comprehensive personal financial case, other mini-case studies and calculation templates. **Prerequisites:** FINA 311, 441 and 446 or 448. **Three hours per week.**

490. FINANCE INTERNSHIP**3 hours credit**

Intern experience in finance. May be used as a business concentration/track elective if approved by the school dean. **Prerequisites:** Finance major, FINA 311 with grade of B or better, placement approval and permission of the department chair, completion of ABLE Office administrative requirements, successful completion of BUAD 300. **Three hours per week.**

491. ADVANCED FINANCE INTERNSHIP**1-3 hours credit**

Research associated with an internship experience in finance. **Prerequisite:** FINA 490 or ABLE requirement, placement approval and permission of the department chair, completion of ABLE administrative requirements. **One to three hours per week.**

535. HEALTH CARE FINANCE**3 hours credit**

Introduction to financial management in the health care envi-

ronment. Designed for nurse/managers, this course covers financial accounting and analysis, financial management (including the mathematics of finance), cost accounting, budgeting, control systems, forecasting, working capital management and third party reimbursements. **Three hours per week.**

540. GRADUATE SURVEY OF FINANCE**3 hours credit**

Comprehensive course in modern financial management. Includes financial theories, working capital management, capital acquisition, international finance, mergers and acquisitions, bankruptcy and reorganization and leasing. M.B.A. leveling course. **Prerequisite:** Provisional status in M.B.A. program and BUAD 510, 520, 530 or permission of M.B.A. director. **Three hours per week.**

626. CORPORATE FINANCIAL MANAGEMENT**3 hours credit**

Review of financial theory and techniques. Topics include capital acquisition, risk analysis, use of the capital asset pricing model, advanced capital budgeting and multinational corporate finance. Ethical concepts are covered where relevant. **Prerequisites:** Admission to the M.B.A. program; completion of IVY Software Finance Assessment; FINA 311 (or equivalent) with a grade of C or better; ACCT 666; ECON 601. **Six hours per week for half a semester.**

650. CORPORATE FINANCIAL MANAGEMENT**3 hours credit**

Review of financial theory and techniques. Topics include long-term investment decisions, capital structure and dividend policy, long-term financing decisions, financial analysis and planning, short-term financial management, and multinational financial management. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

685. INTERNATIONAL FINANCE SEMINAR**3 hours credit**

Study of international aspects of business management and the environment of international business. Topics selected from international finance, the economics of international trade, environmental factors (e.g., cultural, legal, political) and the major aspects of business operations in the global environment. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

FITNESS AND WELLNESS (FTWL)**106. LIFELONG FITNESS AND WELLNESS****3 hours credit**

Covers topics including the components of fitness, nutrition, weight management, cancer, cardiovascular disease and stress management within the framework of the six dimensions of wellness. Includes both lecture and physical fitness components. **Four hours per week. Meets General Education V.**

FRENCH (FREN)**101. ELEMENTARY FRENCH I****4 hours credit**

Beginning spoken and written French with emphasis on the sound system and the basic structures of the language. Any student with two or more years of high school French or equivalent experience is ineligible for this course without expressed permission of the instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY FRENCH II**4 hours credit**

Continuation of skill development in spoken and written French with further study of major structures. **Recommended Prerequisite:** FREN 101 or at least one year of high school French. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

201. INTERMEDIATE FRENCH**4 hours credit**

Continued development and refinement of language skills with emphasis on reading, writing and vocabulary development. **Recommended Prerequisite:** FREN 102 or at least two years of high school French. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

202. INTERMEDIATE AND APPLIED FRENCH**4 hours credit**

Continued development, refinement and application of language skills with emphasis on reading, writing and vocabulary development. Satisfies the language requirement for English majors. **Recommended Prerequisite:** FREN 201 or at least three years of high school French. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

290. INTERMEDIATE FRANCOPHONE TOPICS**1-4 hours credit**

Study of French or Francophone topic that is literary, cultural or linguistic in nature. **Prerequisite:** FREN 202. **One to four hours per week.**

300. FRANCOPHONE TOPICS**1-4 hours credit**

In-depth study of French or Francophone topic that is literary, cultural or linguistic in nature. **Prerequisite:** FREN 202. **One to four hours per week.**

310. FRENCH GRAMMAR AND COMPOSITION**4 hours credit**

Intensive review and application of grammar using exercises, compositions, dictation and papers to strengthen proficiency in writing. Continued acquisition of vocabulary and oral skills. **Recommended Prerequisite:** FREN 202 or equivalent experience. **Three hours per week with enhancement.**

312. FRENCH CONVERSATION**4 hours credit**

Proficiency-based conversation focusing on the refinement of listening and speaking skills and vocabulary acquisition through role playing, small group and class discussion, oral reports and presentations. Introduction to phonetics. **Recommended Prerequisite:** FREN 202 or equivalent experience. **Three hours per week with enhancement.**

316. FRANCOPHONE CULTURE AND CIVILIZATION I**4 hours credit**

Study of geography of France and Francophone civilization tracing major historical, cultural and artistic themes from the 16th and 17th century. **Prerequisite:** FREN 202. **Three hours per week with enhancement.**

317. FRANCOPHONE CULTURE AND CIVILIZATION II**4 hours credit**

Study of Francophone civilization tracing major historical, cultural and artistic themes from the 18th to the 20th century. **Prerequisite:** FREN 202. **Three hours per week with enhancement.**

325. FRANCOPHONE CULTURE THROUGH LITERATURE**4 hours credit**

A selection of short fiction, poetry and drama in French from the 19th and 20th centuries, centering on major cultural themes such as religion, chauvinism, honor, the family, etc. in the French-speaking world. **Prerequisite:** FREN 310 or con-

sent of instructor. **Three hours per week with enhancement. Meets General Education IB.**

350. MASTERPIECES OF FRENCH LITERATURE I**4 hours credit**

Study of France's great literary works from the Middle Ages to the Enlightenment. **Prerequisite:** FREN 310. **Three hours per week with enhancement. Meets General Education IB.**

351. MASTERPIECES OF FRENCH LITERATURE II**4 hours credit**

Study of France's great literary works from the 19th century to present. **Prerequisite:** FREN 310. **Three hours per week with enhancement. Meets General Education IB.**

403. ADVANCED COMPOSITION AND CONVERSATION WITH MEDIA**4 hours credit**

Use a variety of current French media to assist students in the improvement oral and written skills to an advanced level. **Prerequisites:** FREN 310, 312. **Three hours per week with enhancement.**

410. ADVANCED FRANCOPHONE TOPICS**4 hours credit**

An in-depth study of an author, movement or series of works that have come to define a particular segment of the Francophone world. Taught in French. **Prerequisite:** Complete at least two 300-level French courses with grades of C or better. **Three hours per week with enhancement. Meets General Education IB.**

480. SENIOR SEMINAR**1-4 hours credit**

For senior French majors. Research encompassing several areas of French life and culture, language and literature is brought to bear upon a single theme or issue. **Prerequisite:** Senior standing.

496. FRENCH INDEPENDENT STUDY**1-4 hours credit**

Individual study in any area of language, culture or literature of the French-speaking world with the advice and direction from a member of the department. May be repeated with new content for a maximum of eight credits. **Prerequisites:** Junior standing and permission of department chair.

501. ADVANCED COMPOSITION AND MORPHOLOGY**3 hours credit**

Synthesis on an intense, advanced level of all of the principles of morphology, syntax, sentence development and sentence structure through translation and detailed composition. **Prerequisite:** Graduate standing. **Three hours per week.**

502. ADVANCED CONVERSATION**3 hours credit**

Provides greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction through phonetics. **Prerequisite:** Graduate standing. **Three hours per week.**

596. FRENCH INDEPENDENT STUDY**1-6 hours credit**

Individual study in any area of language, culture or literature of the French-speaking world with the advice and direction from a member of the department. May be repeated with new content for a maximum of six credits. **Prerequisites:** Graduate standing, permission of department chair.

GENDER AND SEXUALITY STUDIES (GSST)**213. INTRODUCTION TO GENDER AND SEXUALITY STUDIES****4 hours credit**

Examines the historic roots of gender and sexuality studies, how various disciplines approach gender and sexuality issues and how concepts of gender and sexuality affect lives. May not be taken for credit if student has credit for HIST 213 or IDIS 213. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

485. GENDER AND SEXUALITY STUDIES CAPSTONE SEMINAR**4 hours credit**

Examines gender and sexual orientation issues and questions from a contemporary perspective, including psychology, education, philosophy, history, English, sociology, political science and art. Readings, lectures and discussion provide a theoretical framework for capstone projects in spring semester. Produce an independent research project on a topic of one's choosing relevant to gender and sexuality studies. Offered only in the spring semester. **Prerequisite:** Permission of gender studies coordinator. **Three hours per week with enhancement.**

GENERAL STUDIES (GENL)**110. PERSONAL CAREER PLANNING****2 hours credit**

The career search process. Goal oriented toward the planned process of selecting a major or occupational direction. The history, theory, philosophy and economics of the world of work. Occupational testing, decision making, values clarification skills and guest lectures employed. Recommended for freshmen, sophomores and undeclared majors. **Three hours per week.**

150. SELECTED TOPICS IN DEVELOPMENTAL EDUCATION**1-3 hours credit**

Innovative approaches to developmental education. Provides opportunities for curricular experimentation in the developmental studies areas of reading behavior, writing, foundational math skills and critical thinking.

152. RESIDENCE HALL LEADERSHIP**1 hour credit**

An examination of models of community development with special emphasis on residence halls. Interactive problem-solving emphasized. **Prerequisite:** Selection into Resident Assistant Program. **Two hours per week for eight weeks.**

191. SPECIAL TOPICS: TV, COLLEGE OF THE AIR COURSES**1-3 hours credit**

Study of a specific academic area. Topic may vary semester to semester. Course may be repeated under different subtitles.

GEOGRAPHY (GEOG)**100. INTRODUCTION TO HUMAN GEOGRAPHY****3 hours credit**

Introduction to the variable human character of the earth. Contemporary world problems such as population, growth, economic development, urbanization, resource utilization and human alteration of the natural environment are examined from a locational perspective. **Three hours per week. Meets General Education IIIB or IIIC.**

101. WORLD GEOGRAPHY: EUROPE AND ASIA**3 hours credit**

A geographic study of the countries of Europe and Asia emphasizing their physical and cultural characteristics. Special attention to contemporary issues/problems. **Three hours per week. Meets General Education IIIB or IIIC.**

102. WORLD GEOGRAPHY: AFRICA AND THE AMERICAS**3 hours credit**

Geographic study of countries of Africa and the Americas emphasizing their physical and cultural characteristics. Special attention to contemporary issues/problems. May not receive credit for both GEOG 301 and GEOG 102. **Three hours per week. Meets General Education IIIB or IIIC.**

104. EARTH AND SPACE SCIENCE**4 hours credit**

An introductory course in earth and space science for prospective elementary school teachers. An examination of the physical character of the Earth and its place in the solar system. Students can not receive credit for both GEOG 104 and GEOG 105. This course is intended for elementary education majors. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

105. INTRODUCTION TO PHYSICAL GEOGRAPHY**4 hours credit**

Introduction to the variable physical character of the earth. Treatment of weather, climate, soil, vegetation, landforms and oceanic circulation with emphasis on processes, interrelationships and distributional patterns. Students can not receive credit for both GEOG 104 and GEOG 105. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

107. WEATHER AND HUMAN AFFAIRS**3 hours credit**

Comprehensive introduction to weather and its effects on our everyday lives. Influence of human activity on the atmosphere: acid rain, ozone depletion, global warming, nuclear winter. **Three hours per week. Meets General Education IVB.**

111. INTRODUCTION TO OCEANS AND COASTS**3 hours credit**

The study of coastlines, coastal landforms, and the tectonic and oceanographic forces that shape them. One mandatory Saturday half-day field trip to Assateague Island is required. **Three hours per week. Meets General Education IVB.**

141. CURRENT ISSUES IN EARTH SCIENCE**3 hours credit**

Teaches non-science majors how to critically evaluate contemporary earth science topics of public interest as reported in the media. Learn about the science behind issues, such as terminology, processes, data analysis and underlying assumptions. Differing viewpoints and ethical considerations are discussed. **Two hours lecture, two hours discussion per week. Meets General Education IVB.**

150. ENVIRONMENTAL SCIENCE: CONCEPTS AND METHODS**4 hours credit**

Explores global and regional environmental processes and systems, as well as the impact of humans on these systems. Addresses current environmental issues such as climate change, habitat loss and water pollution, emphasizing the role of science in identifying problems and finding solutions. May not receive credit for both BIOL 150 and GEOG 150. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

201. WEATHER AND CLIMATE**4 hours credit**

Examination of weather and climate with emphasis on processes and distributional patterns. Interrelationships between climatic controls stressed. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

202. CULTURAL GEOGRAPHY**3 hours credit**

Examination of some of the basic concepts of human geography. Emphasis on such subjects as cultural origins and diffusion, perception, settlement forms and the relationship between humans, their culture and the physical environment. **Three hours per week. Meets General Education IIIB or IIIC.**

203. ECONOMIC GEOGRAPHY**3 hours credit**

Analysis of the locational factors explaining the geographic distribution of economic activity: rural and urban land use, cities, industry, transport and trade, economic development. **Three hours per week. Meets General Education IIIB or IIIC.**

204. STATISTICAL PROBLEM SOLVING IN GEOGRAPHY**4 hours credit**

Introduction to the basic principles of quantitative analysis in geography. Emphasis on the geographic applications of various techniques rather than on the underlying statistical theory. **Prerequisite:** MATH 155 or 213. **Three hours lecture, two hours laboratory per week.**

219. MAP INTERPRETATION AND ANALYSIS**3 hours credit**

Introduction to mapping science principles and practice, focusing on the application of methods to map interpretation. Topics covered include surveying (compass and pace), map projections, fundamentals of GPS, map compilation and design, and an introduction to GIS. **Two hours lecture, two hours laboratory per week.**

220. HUMANS AND THE ENVIRONMENT**4 hours credit**

Interdisciplinary laboratory course in conjunction with the departments of Biology and Chemistry designed for non-science majors to develop awareness of ways earth's environment is influenced by human activities and effects of the environment on human society. May not be repeated for credit in the Biology or Chemistry departments; may not be used to satisfy course requirements within the major. For students in the Honors Program. **Three hours lecture, two hours laboratory per week.**

262. GEOGRAPHY OF SPORT**3 hours credit**

Training in methods of geographical study and analysis through a range of activities centered around the theme of sport and place. Topics include sport and culture, sport as industry, professional sports location patterns, place identity, market area analysis, sport of urban economic development strategy, politics of stadium location and funding, and (geo)politics of hosting and representation in international

sporting events. **Three hours per week. Meets General Education IIIB or IIIC.**

301. WORLD REGIONS**3 hours credit**

Examination of contemporary patterns of life in selected areas of the world from a regional viewpoint. Attention given to the physical environment, resource use, economic activities, demographic and sociocultural characteristics and regional problems. **Prerequisite:** GEOG 100 or 101 or 102 or 104 or 105. **Three hours per week. Meets General Education IIIB or IIIC.**

302. GEOGRAPHY OF THE UNITED STATES AND CANADA**3 hours credit**

Analysis of contemporary patterns of American and Canadian life from a regional perspective. Major topics include the physical environment, resource and land use, economic activities, demographic and sociocultural characteristics, and regional problems. **Prerequisite:** GEOG 100 or 101 or 102 or 104 or 105. **Three hours per week.**

304. DECISION MAKING WITH GIS**4 hours credit**

Overview of GIS technology and its use in decision making for various disciplines. The disciplines include social, health and environmental sciences, urban planning, and government operations. Includes three hours of lecture per week and a supplemental laboratory session where students perform hands-on laboratory exercises using GIS software. **Prerequisite:** GEOG 219. **Three hours lecture, two hours laboratory per week.**

303. URBAN GEOGRAPHY**3 hours credit**

Explores economic, cultural, social and political dynamics of cities – their location, functions and internal structures, including economic activities, housing and social geography. Topics include economic restructuring; suburbanization and urban sprawl; urban life; inner-city gentrification; and how issues of class, race and gender are embedded in the geographies of cities. **Prerequisite:** GEOG 100 or 101 or 102 or 203 or permission of instructor. **Three hours per week.**

308. PRINCIPLES OF PLANNING**3 hours credit**

Analysis of the theory and practice of planning at various spatial levels (local, regional, state and federal). Emphasis on planning processes, responsibilities of professional planners, and detailed examination of contemporary issues like control of sprawl and coastal zone management. May not receive credit for both URPL 308 and GEOG 308. **Prerequisite:** Sophomore standing. **Three hours per week.**

309. GEOGRAPHY OF THE MID-ATLANTIC**3 hours credit**

Study of the U.S. mid-Atlantic region encompassing human and physical aspects of its geography, particularly in the relationship between humans and their physical environment. Course has two field trips. **Prerequisite:** One physical geography/geology course and one human geography course. **Three hours per week.**

310. REGIONAL GEOGRAPHY OF EUROPE**3 hours credit**

Regional analysis of contemporary geographic patterns of Europe. Emphasis on physical, economic and political patterns and regional problems. **Prerequisite:** GEOG 100 or 101 or 102 or 104 or 105. **Three hours per week.**

311. COASTAL PROCESSES**3 hours credit**

A detailed study of coastlines, the physical processes that shape them and the scientific methodologies used to meas-

ure them. Two mandatory Saturday half-day field trips are required. **Prerequisite:** GEOG 111, GEOL 211. **Two hours lecture, two hours lab per week.**

312. SEVERE AND HAZARDOUS WEATHER**3 hours credit**

Examines the physical and societal aspects of severe and hazardous weather in an effort to better knowledge of the atmospheric environment around us. Specific topics include extratropical cyclones, thunderstorms, tornadoes, severe winter weather, hailstorms, lightning and tropical weather systems. Case studies are used to investigate human, economic and environmental consequences of severe and hazardous weather events. **Prerequisite:** GEOG 201. **Three hours lecture per week.**

315. TOPICS IN GIS MODELING**3 hours credit**

Analysis of the interaction between humans and their environment. Specific topics may include shoreline erosion, water pollution, land-use land-cover change, biodiversity losses, tsunamis, hurricanes and sea-level rise. Learn the analytical methods necessary to obtain, process and analyze a myriad of modern data concerned with the interface between human and natural landscapes. **Prerequisite:** College-level statistics or GEOG 219 or permission of instructor. **Three hours per week.**

316. BIOGEOGRAPHY**3 hours credit**

Study of spatial distribution of plants and animals, including the processes that led to those distributions. The course synthesizes knowledge from the fields of ecology, geology, climatology, paleontology and physical anthropology. Topics include patterns of biodiversity, evolution and extinction, communities and ecosystems, life on islands, earth history, paleoecology, human impacts and conservation. Two mandatory field trips to local natural areas. **Prerequisite:** A combined total of 12 hours in geography and/or biology, including at least one introductory physical geography course, or consent of the instructor. **Three hours lecture per week.**

318. LOCAL FIELD COURSE**3 hours credit**

Familiarizes students with some of the basic field techniques of geography. Land use field studies and mapping of the rural and urban areas of eastern Maryland scheduled for Sundays. **Prerequisite:** Twelve hours in geography or permission of instructor. **Four hours per week including five one-day field trips.**

319. GEOGRAPHIC INFORMATION SCIENCE**4 hours credit**

Study of automated information handling using geographicaly referenced data to support spatial analysis. Consideration of and experience in the collection, storage and display of computer manipulated data. Includes hands-on experience with a variety of commercial software GIS packages. **Prerequisite:** GEOG 219. **Three hours lecture, two hours laboratory per week.**

320. CARTOGRAPHIC VISUALIZATION**3 hours credit**

Theory and application of cartographic principles and practices to advanced cartographic design. Lectures emphasize theory and principles. Laboratory provides practical experience in designing maps. **Prerequisite:** GEOG 219. **Two hours lecture, two hours laboratory per week.**

321. REMOTE SENSING OF THE ENVIRONMENT**4 hours credit**

Examination of fundamental principles, history and applications of remote sensing technology to environmental studies. Emphasis on electromagnetic spectrum, aerial photography, photogrammetry, satellite imaging systems, digital image pro-

cessing, and major applications of remote sensing in mapping and managing environmental problems. **Prerequisite:** Twelve hours in geography. **Three hours lecture, two hours laboratory per week.**

325. CONSERVATION AND RESOURCE MANAGEMENT**3 hours credit**

An integrative look at the co-evolution of resource exploitation, use and conservation, and the changing ideology that drives trends in resource management. Special emphasis on scalar dilemmas in resource management, the effective role of our legal infrastructure in resource management and shifting values regarding the role of human-nature interactions in America. **Prerequisite:** One physical geography/geology course and one human geography course. **Three hours per week.**

327. POLITICAL GEOGRAPHY**3 hours credit**

Survey of the sub-discipline of political geography. Emphasis on spatial organization and conflict at various scales; geographies of elections; and analyses of international relations from a geographical perspective, with a consideration of geographic, economic and cultural aspects of global conflicts. **Prerequisite:** One of the following: GEOG 100, 101, 102 or 203; POSC 101 or 102; ECON 150, 211 or 212; or permission of instructor. **Three hours per week.**

328. APPLIED PLANNING**3 hours credit**

Application of planning principles and theories to real world land-use issues. Particular attention is paid to the subdivision plat review process, zoning ordinances, and the role of citizens and local government in planning. Several actual planning case studies are examined. May not receive credit for both URPL 328 and GEOG 328. **Prerequisite:** URPL 308 or GEOG 308. **Three hours per week.**

333. SUSTAINABILITY AND GLOBAL DEVELOPMENT**3 hours credit**

Analysis of concepts, ideologies and social trends that have generated regions referred to as the Global North and Global South. Examine human-nature interactions as they express themselves in demographics, resource distribution, economic disparity, neo-colonialism, energy consumption, food and water availability. **Prerequisites:** Junior standing, at least one human and/or physical geography/geology course. **Three hours lecture per week.**

363. CITIES OF THE MIDDLE EAST**3 hours credit**

Discussion of cities of the Middle East through explaining city evolutions, contemporary structures and models. Explanations of how urban planning addresses city problems and responds to current challenges. May not receive credit for both URPL 363 and GEOG 363. **Prerequisite:** GEOG 100, 101, 102 or consent of instructor. **Three hours per week.**

389. REGIONAL FIELD STUDY OF THE UNITED STATES**3 hours credit**

On-site study of the geography, history and culture of selected regions of the United States. Pre-tour lectures and other activities required. May be repeated once for credit. **Prerequisite:** Six hours in GEOG and/or GEOL or consent of instructor. **Three hours per week.**

399. INTERNATIONAL FIELD STUDY**3-6 hours credit**

On-site study of the geography, history and culture of selected countries. Pre-tour lectures and other activities required. May be repeated once for credit. **Prerequisite:** Six hours in GEOG and/or GEOL or permission of instructor.

401. SOIL, WATER AND ENVIRONMENT**3 hours credit**

Study of basic chemical and physical properties of soil, focusing on surface hydrology of small watersheds and the related techniques used in environmental planning. Most labs involve fieldwork. **Prerequisites:** GEOG 201, 219, GEOL 103; or BIOL 310. **Two hours lecture, three hours laboratory per week.**

402. ENVIRONMENTAL PLANNING**3 hours credit**

Translation of responsible environmental policies and principles into practical land-use regulations and local and regional planning tools. Emphasis on the landscape and land-use dimensions of environmental planning. May not receive credit for both URPL 402 and GEOG 402. **Prerequisite:** URPL 308 or GEOG 308 or BIOL 310. **Three hours per week.**

403. ENVIRONMENTAL HAZARDS**3 hours credit**

Introduces students to the geographic principles and theories of natural and technological hazards. Both the physical properties of hazards and the human actions and reactions to hazards will be emphasized. **Prerequisite:** Six credits of geography. **Three hours per week.**

404. RURAL GEOGRAPHY AND LAND-USE PLANNING**3 hours credit**

Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention given to the problems and potentialities of non-metropolitan areas and to land use planning. **Prerequisite:** GEOG 203. **Three hours per week.**

406. REGIONAL ECONOMIC DEVELOPMENT**3 hours credit**

Analysis of the spatial incidence of economic growth. Emphasis on the spatial dimension as an important consideration in the theory and practice of economic development. **Prerequisites:** GEOG 203, 308. **Three hours per week.**

408. SEMINAR IN URBAN THEORY**3 hours credit**

An interdisciplinary course examining critical and descriptive theories to explain city development. Discussions of city evolutions, planning visions, and cultural, political, economic and global factors shaping cities. May not receive credit for both URPL 408 and GEOG 408. **Prerequisite:** GEOG 100, 101, 102 or consent of instructor. **Three hours per week.**

409. PHYSICAL AND HUMAN DIMENSIONS OF CLIMATIC CHANGE**3 hours credit**

A revolving set of topics presented by geography faculty or invited speakers related to the scientific or socio-economic effects of climatic change on modern society. Topics will be announced the semester preceding the course offering. **Prerequisites:** C or better in GEOG 201 and two courses from the following: GEOL 206, GEOL 405, GEOG 402, GEOG 403, GEOG 410, GEOG 413. **Two hours seminar and one hour online session per week.**

410. METEOROLOGY**3 hours credit**

Analysis of physical processes and dynamics of the atmosphere. Topics include upper atmospheric flow, forecasting and severe weather. **Prerequisite:** GEOG 201. **Three hours per week.**

411. GEOMORPHOLOGY**4 hours credit**

Study of the surface of the earth and the geologic processes that modify it. Topics include the weathering and erosion of rocks, the deposition of sediments, the classification of landforms and the long-term evolution of landscapes. One three-

day field-trip is optional. **Prerequisite:** GEOL 103 and junior-level standing. **Three hours lecture, two hours lab per week.**

412. WEATHER ANALYSIS AND FORECASTING**3 hours credit**

Introduction to the basic tools of weather analysis and techniques of weather forecasting. Acquire the skills needed to analyze and interpret surface and upper-air observations, data from satellites and radar, atmospheric soundings, and severe weather indices. Make forecasts of temperature, precipitation and other meteorological conditions. **Prerequisites:** GEOG 201, 410. **Three hours lecture per week.**

413. APPLIED CLIMATOLOGY**3 hours credit**

Analysis of the impact of climate on the physical environment and human behavior. Topics include climatic change, contemporary climatic problems and the influence of climate on agriculture, and energy use. **Prerequisite:** GEOG 201 or permission of instructor. **Three hours per week.**

414. RESEARCH AND WRITING**3 hours credit**

Development of research methods in geography. Topics include formulation of problems, establishment of hypotheses, development of structures for testing hypotheses and practice with forms of geographic presentation. Maps, numerical and field methods are used. May not receive credit for both GEOG 300 and GEOG 414. **Prerequisites:** GEOG 204, junior-level standing, 12 credits in geography. **Three hours per week.**

415. SELECTED PROBLEMS**1-3 hours credit**

Independent study permitting research or in-depth work on a selected topic to be indicated on student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in geography. **Prerequisite:** Permission of department chair.

416. SMART GROWTH**3 hours credit**

Explanations of smart growth programs addressing urban challenges such as sprawl, lack of open space and central city decline. Introduction of early efforts to manage urban growth and growth management programs at the state and local levels. May not receive credit for both URPL 416 and GEOG 416. **Prerequisite:** URPL 308, or GEOG 308 or permission of instructor. **Three hours per week.**

417. WATER RESOURCES**3 hours credit**

Exploration of water resources in America that looks at water in all of its facets as a physical resource and a nexus of human-environment interactions. Designed for multiple disciplines and presumes a variable knowledge base at the beginning. Weaving together the hydrologic flow of water and the social structures that capture, divert, buy, sell, steal, manipulate and exploit water resources form the basis of exploration. **Prerequisite:** One course in physical geography and one course in human geography and junior standing. **Three hours per week.**

419. ADVANCED GEOGRAPHIC INFORMATION SCIENCE**4 hours credit**

Study of current theories and development trends in GIS technology. Emphasis on hands-on working knowledge utilizing ARC/INFO software. **Prerequisites:** GEOG 319 and COSC 118 or 120. **Three hours lecture, two hours laboratory per week.**

422. READINGS IN GEOGRAPHY**1-3 hours credit**

Permits in-depth study of a selected topic to be indicated on student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in geography. **Prerequisite:** Permission of department chair.

435. GIS PROGRAMMING**3 hours credit**

Theory and application of computer programming solutions in geography. Focuses on developing custom computer programs addressing classical problems in geography and spatial analysis not ordinarily solved using out-of-the box GIS software. Introduction to basic programming techniques, object model diagrams, component object modeling (COM) and spatial databases. **Prerequisite:** GEOG 320 and COSC 117, 118 or 120. **Three hours per week.**

450. TOPICS IN GEOGRAPHY**1-4 hours credit**

Analysis of a selected systematic/regional topic to be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisite:** Permission of department chair. **One to four hours per week.**

460. INTERNSHIP**1-3 hours credit**

Provides students with opportunities to apply geographic/planning theory, techniques and knowledge as practicing professionals. Intended for seniors with 18 or more hours in geography. May not be used to satisfy requirements for the major. **Prerequisite:** Permission of department chair. **Three hours per week for each credit hour. (P/F)**

475. FIELD PROBLEMS IN GEOGRAPHY**3-6 hours credit**

Geographic research field experience. Development of a research proposal, collection and analysis of data and the integration of such in a formal research paper. **Prerequisite:** Permission of instructor.

499. GEOGRAPHY HONORS**6 hours credit**

Two-semester independent study leading to preparation of an honors thesis and graduation with honors in geography. Students may enroll by invitation of the department only. Specific topic indicated on the student's transcript. **Prerequisite:** Permission of department chair.

501. SOIL, WATER AND ENVIRONMENT**3 hours credit**

Study of basic chemical and physical properties of soil, focusing on surface hydrology of small watersheds and the related techniques used in environmental planning. **Prerequisite:** Graduate standing and GEOL 103 or permission of instructor. **Two hours lecture, two hours laboratory or one field trip per week.**

503. ENVIRONMENTAL HAZARDS**3 hours credit**

Introduces students to the geographic principles and theories of natural and technological hazards. Both the physical properties of hazards and the human actions and reactions to hazards will be emphasized. **Prerequisite:** Graduate standing. **Three hours per week.**

504. SEMINAR: PHYSICAL GEOGRAPHY**3 hours credit**

Seminar deals with current problems in the areas of meteorology, climatology, soils, geomorphology and vegetation. Topics selected with permission of instructor. May be taken twice for credit under different subtitles. **Prerequisites:** Graduate standing and permission of department chair. **Three hours per week.**

505. RURAL GEOGRAPHY AND LAND-USE PLANNING**3 hours credit**

Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention given to the problems and potentialities of non-metropolitan areas and to land use planning. **Prerequisites:** Graduate standing and GEOG 203 or permission of instructor. **Three hours per week.**

506. SEMINAR IN REGIONAL GEOGRAPHY**3 hours credit**

Analysis of selected topics on the physical and/or human geography of specified geographic regions. The region under consideration varies from semester to semester. Topics chosen with permission of instructor. May be taken twice for credit under different subtitles. **Prerequisites:** Graduate standing and permission of department chair. **Three hours per week.**

507. REGIONAL PLANNING**3 hours credit**

Analysis of the spatial incidence of economic growth. Emphasis on the spatial dimension as an important consideration in the theory and practice of economic development planning. **Prerequisites:** Graduate standing and GEOG 203 or permission of instructor. **Three hours per week.**

508. URBAN PLANNING**3 hours credit**

Examination of theories and policies related to urban development and land use planning, along with techniques for evaluation. Assessment of the urban planning process with case studies. **Prerequisites:** Graduate standing and GEOG 308 or permission of instructor. **Three hours per week.**

510. METEOROLOGY**3 hours credit**

Analysis of physical processes and dynamics of the atmosphere. Topics include upper atmospheric flow, forecasting and severe weather. **Prerequisites:** Graduate standing and GEOG 201 or permission of instructor. **Three hours per week.**

511. GEOMORPHOLOGY**3 hours credit**

Study of the surface of the earth and the geologic processes that modify it. Topics include the weathering and erosion of rocks, the deposition of sediments, the classification of landforms and the long-term evolution of landscapes. One three-day weekend field-trip is part of the course. **Prerequisites:** Graduate standing and GEOL 103 or permission of instructor. **Three hours lecture per week.**

513. APPLIED CLIMATOLOGY**3 hours credit**

Analysis of the impact of climate on the physical environment and human behavior. Topics include climatic change, contemporary climatic problems and the influence of climate on agriculture, and energy use. **Prerequisites:** Graduate standing and GEOG 201 or permission of instructor. **Three hours per week.**

515. SELECTED PROBLEMS**1-3 hours credit**

Independent study permitting research or in-depth work on a selected topic to be indicated on student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in geography. **Prerequisites:** Graduate standing and permission of department chair.

519. ADVANCED GEOGRAPHIC INFORMATION SCIENCE**4 hours credit**

Study of current theories and development trends in GIS technology. Emphasis on hands-on working knowledge utilizing ARC/INFO software. **Prerequisites:** Graduate standing

and permission of instructor. **Three hours lecture, two hours laboratory per week.**

522. READINGS IN GEOGRAPHY 1-3 hours credit

Permits in-depth study of a selected topic to be indicated on student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in geography. **Prerequisites:** Graduate standing and permission of department chair.

530. DIRECTED RESEARCH 3 hours credit

Preparation of optional research project in master's degree program under departmental direction. **Prerequisites:** Graduate standing and permission of department chair.

535. GIS PROGRAMMING 3 hours credit

Theory and application of computer programming solutions in geography. Focuses on developing custom computer programs addressing classical problems in geography and spatial analysis not ordinarily solved using out-of-the box GIS software. Introduction to basic programming techniques, object model diagrams, component object modeling (COM) and spatial databases. **Prerequisites:** Graduate standing and permission of department chair. **Three hours per week.**

550. TOPICS IN GEOGRAPHY 3 hours credit

Analysis of a selected systematic/regional topic to be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisites:** Graduate standing and permission of department chair. **Three hours per week.**

560. INTERNSHIP 1-3 hours credit

Provides students with opportunities to apply geographic/planning theory, techniques and knowledge as practicing professionals. Intended for seniors with 18 or more hours in geography. May not be used to satisfy requirements for the major. **Prerequisite:** Approval of the department. **Three hours per week for each credit hour. (P/F)**

575. FIELD PROBLEMS IN GEOGRAPHY 3-6 hours credit

Geographic research field experience. Development of a research proposal, collection and analysis of data and the integration of such in a formal research paper. **Prerequisites:** Graduate standing and permission of department chair.

619. MANAGING GISYSTEMS 3 hours credit

Study of strategies for successful GIS management and implementation in an organization-wide context. Implementation management strategies are introduced through systematic user needs assessment, requirements specification, database design, application development, pilot project testing, implementation, operation and maintenance. Public policy requirements and legal responsibilities for geographic records management are also examined. **Prerequisites:** Graduate standing and GEOG 419 or GEOG 519. **Three hours per week.**

630. GISYSTEMS AND PUBLIC ADMINISTRATION 3 hours credit

Examines practical approaches for incorporating geographic information systems (GIS) technology into a public administration setting. Discusses implementation strategies, cost-benefit analyses, and strategies for overcoming technical and organizational boundaries. Case studies illustrate how public officials have successfully applied GIS to their specific needs. **Prerequisites:** Graduate standing, POSC 540, and GEOG 419 or GEOG 519. **Three hours per week.**

640. GISYSTEMS CO-OPERATIVE EXPERIENCE 6 hours credit

A directed field study program which provides students with an opportunity to apply GIS skills acquired in the classroom to real-world projects in the community. Additionally, a weekly seminar discussion gives participants a chance to peer-review the co-operative projects as well as receive expert guidance. Students are under the supervision of an advisor from the GIS faculty while participating in a short-term experience program in a business or government agency. **Prerequisites:** GEOG 619, 630. **Six hours per week.**

650. CAPSTONE GISYSTEMS SEMINAR 3 hours credit

Summarizes and synthesizes the skills, knowledge and experience gained in the program. Students review a peer GIS implementation project, organizing and completing an assessment of the likelihood that the project achieved its goals. In addition, students support their analyses using the most current literature regarding GIS and public administration, emphasizing their particular area of interest. **Prerequisite:** GEOG 640. **Three hours per week.**

GEOLOGY (GEOL)

103. INTRODUCTION TO PHYSICAL GEOLOGY 4 hours credit

Introduction to the nature and character of the Earth's crust and the geological processes that generate and shape landform features. Topics include minerals, rocks, earth structure and plate tectonics, geological processes and associated landforms. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

206. HISTORICAL GEOLOGY 4 hours credit

Study of the history of the earth and the principles used to decipher the earth's past from rock record. Includes study of stratigraphic principles, key fossil groups, and relative and absolute dating techniques. One weekend field trip is required. **Prerequisite:** GEOL 103 with C or better. **Three hours lecture, two hours laboratory per week.**

211. SEDIMENT ANALYSIS 1 hour credit

Lab-based course designed to introduce students to the most common methodologies field scientists use to measure, analyze and classify sediments. **Prerequisite/Corequisite:** GEOL 103 or permission of instructor. **Two hours laboratory per week.**

306. INTRODUCTION TO INVERTEBRATE PALEONTOLOGY 1 hour credit

The systematic study of the major classes of invertebrate fossils and plants commonly preserved in the fossil record. **Prerequisite:** GEOL 206 or BIOL 213. **Three hours laboratory per week.**

313. MINERALOGY AND OPTICAL PETROLOGY 4 hours credit

Introduces students to the fundamentals of mineralogy and petrology, including crystallography, crystal chemistry and optical mineralogy as well as the occurrence and identification of sedimentary, igneous and metamorphic rocks in thin section. Learn how to use a petrographic microscope to identify minerals and rocks and understand their occurrence in the context of the tectonic setting from which they are derived. **Prerequisites:** GEOL 103, CHEM 121. **Three hours lecture, two hours laboratory per week.**

322. GEOLOGICAL OCEANOGRAPHY 3 hours credit

Explore the major features of the ocean basins and seafloor as well as the processes responsible for their formation. Discuss geological and geophysical techniques for mapping and understanding these processes. **Prerequisite:** GEOG 111. **Three hours per week.**

336. STRATIGRAPHY AND SEDIMENTOLOGY 3 hours credit

Introduces students to the fundamentals of stratigraphy and sedimentology, and places a particular emphasis on the identification, occurrence, and analysis of sediments and sedimentary rock facies. Numerous field trips apply lecture content in the field to reconstruct Appalachian geology. Learn how to map geologic rock formations in the field and measure stratigraphic section, two skills that are integral to any professional geologist and research geologist. **Prerequisites:** GEOL 206, 211. **Three hours per week.**

405. ENVIRONMENTAL GEOLOGY 4 hours credit

Study of natural hazards, human-induced environmental problems, and the dynamic interaction processes between humans and the environment. Emphasis placed on understanding of major issues in environmental hazards, natural resources (water, mineral and energy), waste disposal, sustainable development and emergency management. **Prerequisite:** GEOL 103 or GEOG 104 or 105. **Three hours lecture, two hours laboratory per week.**

450. TOPICS IN GEOLOGY 1-4 hours credit

Analysis of a selected geologic topic to be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisite:** Permission of department chair. **One to four hours per week.**

465. EARTH SCIENCE SEMINAR 1 hour credit

Discussions of the scientific process and timely topics in earth science and related fields. Requires participation and presentations. **Prerequisite:** Junior standing or permission of instructor. **Two hours per week.**

505. ENVIRONMENTAL GEOLOGY 4 hours credit

Study of natural hazards, human-induced environmental problems, and the dynamic interaction processes between humans and the environment. Emphasis placed on understanding of major issues in environmental hazards, natural resources (water, mineral and energy), waste disposal, sustainable development and emergency management. **Prerequisites:** Graduate standing, GEOL 103, GEOG 104 or 105 or permission of instructor. **Three hours lecture, two hours laboratory per week.**

GERMAN (GERM)

101. ELEMENTARY GERMAN I 4 hours credit

Beginning spoken and written German with emphasis on the sound system and the basic structures of the language. Any student with two or more years of high school German or equivalent experience is ineligible for this course without expressed permission of the instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY GERMAN II 4 hours credit

Continued skill development in spoken and written German

with further study of major structures. **Recommended Prerequisite:** GERM 101 or at least one year of high school German. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

201. INTERMEDIATE GERMAN 4 hours credit

Continued development and refinement of language skills with emphasis on reading, writing and vocabulary development. **Recommended Prerequisite:** GERM 102 or at least two years of high school German. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

202. INTERMEDIATE AND APPLIED GERMAN 4 hours credit

Continued development, refinement and application of language skills with emphasis on reading, writing and vocabulary development. Satisfies the language requirement for English majors. **Recommended Prerequisite:** GERM 201 or at least three years of high school German. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

310. ORAL AND WRITTEN COMPOSITION 4 hours credit

Develops facility to sustain oral and written discussion in German. Students practice the basic patterns of German syntax and develop vocabulary by preparing frequent oral and written compositions. **Recommended Prerequisite:** GERM 202 or equivalent experience. **Three hours per week with enhancement.**

312. GERMAN CONVERSATION 4 hours credit

Develops confidence and correctness in spoken German through practice in pronunciation, dialogues, discussions and oral reports and presentations. **Recommended Prerequisite:** GERM 202 or equivalent experience. **Three hours per week with enhancement.**

350. GERMAN SHORT STORIES 4 hours credit

Survey of the German short story (Deutsche Novelle) from its inception in the 18th century to the present (in translation). Cross listed with ENGL 317. Taught in English. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

496. GERMAN INDEPENDENT STUDY 1-4 hours credit

Individual study in any area of the language, culture or literature of the German-speaking world with the advice and direction from a member of the department. May be repeated with new content for a maximum of six credits. **Prerequisites:** Junior standing and permission of department chair.

HEALTH SCIENCE (HLSC)

499. SPECIAL TOPICS IN HEALTH SCIENCES 1-3 hours credit

Study of a specific aspect of biomedical research or health care. Topic varies semester to semester. May be repeated with different topics with no limit. **Prerequisite:** Permission of instructor. **One to three hours per week.**

599. SPECIAL TOPICS IN HEALTH SCIENCES 1-3 hours credit

Study of a specific aspect of biomedical research or health care. Topic varies semester to semester. May be repeated for different topics with no limit. **Prerequisite:** Permission of instructor. **One to three hours per week.**

HEALTH (HLTH)

101. BASIC HEALTH

3 hours credit

Factors involved in maintaining and improving personal health; analysis of individual health problems. **Three hours per week.**

102. FIRST AID AND SAFETY

1 hour credit

Introduction to basic information and skills required to administer care in emergency situations. Students may earn a nationally recognized certification in basic life support and first aid. **Equivalent to 15 hours.**

110. FOUNDATIONS OF HEALTH EDUCATION

3 hours credit

Examines the concepts that form the foundation of standards-based comprehensive school health education. Review of the National Health Education Standards (NHES) for Pre-K-12, the Access and Equity Principles, Unified Code of Ethics for Health Professionals, and the areas of responsibility for entry-level health educators as identified in the Competency Update Project (CUP). Gain experience in designing rubrics to assess pre-K-12 students' mastery of the NHES. **Three hours per week.**

225. HEALTH BEHAVIOR

3 hours credit

Examination of health behavior theories and models of behavior change. Reviews the major theories of health behavior and strategies used to implement health interventions for individuals and organizations. **Prerequisite:** Completion of at least 30 credit hours. **Three hours per week.**

230. CHRONIC AND COMMUNICABLE DISEASES

3 hours credit

Overview of chronic and communicable diseases. Examination of the processes used in modern society to assist in identification, prevention and control of disease. Emphasis placed on information and concepts required as foundation knowledge for school health educators. **Prerequisite:** HLTH 110. **Three hours per week.**

240. DRUG EDUCATION

3 hours credit

Examination of the social, psychological, physical and emotional aspects of alcohol, tobacco, over-the-counter drug and illegal drug use and associated behaviors. Emphasis placed on information and concepts required as foundation knowledge for school health educators. **Prerequisite:** HLTH 110 or permission of instructor. **Three hours per week.**

260. HEALTH LITERACY AND COMMUNICATION

4 hours credit

Explore the link between health-related literacy and health in the U.S. Comprehend the connection between health disparities and low levels of health literacy. Develop the knowledge and skills needed to create effective health communication campaigns that reach a variety of target audiences in the attempt to lessen gaps in health status. **Prerequisite:** HLTH 110. **Three hours per week with enhancement.**

311. HUMAN SEXUALITY EDUCATION

4 hours credit

Provides strategies for teaching about human sexuality at individual and group levels in a variety of settings. Topics covered will include content, issues, methodology and materials relating to human sexuality education. **Three hours per week with enhancement.**

317. NUTRITION, HEALTH AND HUMAN PERFORMANCE

4 hours credit

Examines human metabolism in relation to health and human performance. Analysis of nutrient pathways from ingestion, digestion, absorption and utilization provides the foundation for an understanding of nutrition, weight control, eating disorders and thermoregulatory processes. May not receive credit for both HLTH 317 and HLTH 217. **Prerequisite:** C or better in BIOL 216. **PHED Major Prerequisite:** C or better in BIOL 205. **Four hours per week.**

325. PLANNING AND ASSESSING HEALTH PROGRAMS

4 hours credit

Overview of needs assessment, program planning and evaluation of health education programs. Provides candidates with the opportunity to plan, implement and evaluate a health education experience. Emphasis placed on information and concepts required for school health educators. **Prerequisites:** HLTH 225. **Three hours per week with enhancement.**

326. MEASUREMENT AND EVALUATION OF HEALTH PROGRAMS

4 hours credit

Covers principles and methods for monitoring implementation of health education programs and assessing their impact. Focuses on development and selection of valid and reliable measures and use of appropriate statistics. **Prerequisites:** C or better in MATH 155 and HLTH 325. **Three hours per week with enhancement.**

330. PRINCIPLES OF EPIDEMIOLOGY

4 hours credit

Covers historical foundations of epidemiology; distributions and causes of disease by time, place and person; epidemiological study designs; and special issues in infectious and non-infectious disease epidemiology. Learn epidemiology's role in public health practice by identifying and tracking disease patterns to assist in disease prevention programming. **Prerequisites:** C or better in MATH 155 and HLTH 230. **Three hours per week with enhancement.**

360. SCHOOL HEALTH AND READING METHODS I

4 hours credit

Analysis of middle and high school health education instructional planning, materials and teaching strategies. Examination of literacy needs of diverse student populations including instructional strategies in reading and writing in the content area in accordance with Maryland State Voluntary Curriculum for Reading/English Language Arts. **Prerequisite:** Admission to the Professional Teacher Education Program. **Prerequisite/Corequisite:** EDUC 319 or 318. **Three hours lecture and three hours field experience per week. (Spring semester only)**

401. COMMUNITY HEALTH

4 hours credit

Study of the community dynamics as it affects the health status of community residents. Examine the role that various agencies' policies and practices have in maintaining optimal health and well-being of community members. Emphasis placed on information and concepts required as foundation knowledge for school and community health educators. **Prerequisite:** HLTH 110 or completion of at least 60 credit hours. **Three hours per week with enhancement.**

450. U.S. HEALTHCARE AND PUBLIC HEALTH

4 hours credit

Explores the fundamental characteristics and organizational structures of the U.S. health system as well as the differences in systems in other countries. Learn basic concepts of legal, ethical, economic and regulatory dimensions of health care and public health policy and the roles, influences and responsibilities of the different agencies and branches of govern-

ment. **Prerequisite:** C or better in ENGL 103 AND HLTH 401. **Three hours per week with enhancement.**

461. SCHOOL HEALTH AND READING METHODS II

4 hours credit

Provides preparation for public school teaching in areas such as sex education, drug use and abuse, and other current health problems. Involves curriculum planning, methods and materials with an emphasis on strategies, skills and instruction in reading in accordance with the Maryland State Voluntary Curriculum for Reading/English Language Arts. Required classroom visitations and field experience as necessary to complete assignments. **Prerequisites:** Admission to Professional Teacher Education Program, HLTH 360. **Prerequisite/Corequisite:** SCED 367. **Three hours lecture and six hours internship per week. (Fall semester only)**

470. INTERNSHIP I IN HEALTH EDUCATION

6 hours credit

Directed student teaching experience under the supervision of the public school mentor teacher and University supervisor. One-half semester in middle school or high school teaching. Credit may not be received for both EDUC 462 and HLTH 470

471. INTERNSHIP II IN HEALTH EDUCATION

6 hours credit

Directed student teaching experience under the supervision of the public school mentor teacher and University supervisor. One-half semester in middle school or high school teaching. Credit may not be received for both EDUC 462 and HLTH 471.

480. INTERNSHIP IN COMMUNITY HEALTH

12 hours credit

Practical health education experience under the supervision of a local, professional mentor and University supervisor. A minimum of 450 supervised hours of service in a community-based health setting. **Prerequisites:** Completion of all required major core curriculum courses with a C or better and a cumulative GPA of at least 2.50. **Thirty-six hours per week.**

490. SELECTED TOPICS IN HEALTH

3 hours credit

Investigates themes and issues related to the health profession. Topics will vary each semester. May be repeated once under different course subtitles for a total of six credits. **Prerequisite:** Designated by topic. **Three hours per week.**

HISTORY (HIST)

101, 102. WORLD CIVILIZATIONS

4 hours credit each

Examination of global progress in major civilizations from pre-historic times to the present emphasizing the economic, social, cultural, intellectual and political trends motivating human beings. Note: HIST 101 and 102 do not have to be taken in sequential order. **Three hours per week with enhancement. Meets General Education IIA or IIB.**

103. FIRST-YEAR SEMINAR IN WORLD HISTORY

4 hours credit each

Topics change each semester. Requires extensive reading, writing and class discussion on a topic in world history. **Four hours per week. Meets General Education IIA or IIB.**

201, 202. HISTORY OF THE UNITED STATES

4 hours credit each

Survey of the political, economic, social and cultural factors that have shaped the pattern of life in the United States. Particular problems examined in the light of their sources and historical development. HIST 201 goes through 1865 and

HIST 202 from 1865 to the present. **Three hours per week with enhancement. Meets General Education IIB.**

210. INTRODUCTION TO WORLD RELIGIONS

4 hours credit

Introductory survey of the historical development of world religions. Specific examples drawn from such diverse cultural traditions as ancient Babylonian, Judeo-Christian, imperial Chinese and modern American religious movements. Fertility gods and spirits of nature, augury, omens, possession and prophecy are among the topics analyzed. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

213. INTRODUCTION TO GENDER AND SEXUALITY STUDIES

4 hours credit

Examines the historic roots of gender and sexuality studies, how various disciplines approach gender and sexuality issues and how concepts of gender and sexuality affect lives. May not be taken for credit if student has credit for GSST 213 or IDIS 213. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

215. TOPICS IN HISTORY

4 hours credit

Historical study of particular periods; groups; economic, intellectual and/or social movements; and institutions. May be taken twice under different course titles. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

224. HITLER AND THE THIRD REICH

4 hours credit

Examines the major causes, personalities, policies, events and significance of the Third Reich. Focuses on Hitler and the rise of the Nazi Party, the instabilities and collapse of the Weimar Republic, the Nazi "seizure of power," the Nazi "racial state," World War II in Europe, the Holocaust and the destruction and legacy of the Third Reich. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

225. HOLOCAUST: THE EXTERMINATION OF THE EUROPEAN JEWS

4 hours credit

Examination of European anti-Semitism from its origins to its culmination in the Holocaust; major emphasis on the treatment of Jews by Nazi Germany and on the reaction of Jews and the outside world to this treatment. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

250. AMERICA IN THE 1970S

4 hours credit

Archie Bunker, bell bottoms, *The Exorcist*, Nixon, *Grease* and disco—the 1970s conjure memories of such personalities, fads and other pop-cultural phenomena. This introductory course surveys American history during the so-called "Me Decade" using films, documentaries, readings, discussions, lectures and primary sources to explore political, diplomatic, economic, social, intellectual and cultural trends. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

300. ARCHAEOLOGY OF THE CHESAPEAKE IN THE ATLANTIC WORLD

4 hours credit

Traces the emergence and development of various Chesapeake societies and institutions, situating them in

broader Atlantic contexts. Through the lens of archaeology, examine the complex histories of interaction, cultural and biological exchanges between Natives, Europeans and Africans from first contact to the present. Explore topics such as colonialism, capitalism, enslavement and the rise of the Atlantic plantation complex. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

301. HISTORY OF AMERICAN BUILDINGS 4 hours credit

Survey of the history of American building traditions, considering construction, form and style in historical, social, economic and cultural contexts. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

302. COLONIAL AND REVOLUTIONARY AMERICA (1607-1783) 4 hours credit

Detailed study of foundations of American civilization. Economic, political, social, cultural and religious factors are emphasized. Consideration of English policy and the revolution are included. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

306. THE EMERGENCE OF A NEW NATION: U.S. (1789-1860) 4 hours credit

Covers such topics as the new government and its policies, nationalism and economic expansion, the common man and the new democracy, social ferment and reform movements, Manifest Destiny, wars and sectional crises. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

308. SECTIONAL CONFLICT AND CIVIL WAR 4 hours credit

Study of the origins, development and outcome of the struggle between the North and South to the end of the Civil War. Emphasis on the clash of national and sectional interests and the course of the military conflict to its conclusion. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

309. RECONSTRUCTION AND GILDED AGE 4 hours credit

Study of the policies and application of presidential and congressional reconstruction; examination of the influence of the post-Civil War industrial boom on politics and society. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

310. HISTORY OF ENGLAND TO 1702 4 hours credit

Survey of England from Roman times through the reign of William and Mary emphasizing political, legal, economic, social and cultural institutions and trends. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

311. HISTORY OF ENGLAND AND GREAT BRITAIN, 1702 TO THE PRESENT 4 hours credit

Survey of England and Great Britain from the reign of Queen Anne to the present, emphasizing institutional growth and development, the expansion of the empire and Britain's rise to a major world power. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

312. HISTORY OF IRELAND IN MODERN TIMES 4 hours credit

Introduction to the cultural, political, economic and social growth and problems in Ireland since circa 1500. Emphasis is on the development of Ireland's nationalism, separate and distinct from Great Britain with which it was entwined and involved for so many generations. Attention focuses on the history and problems in Northern Ireland and its position in the United Kingdom. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

313. HISTORY OF SCOTLAND AS AN INDEPENDENT KINGDOM 4 hours credit

Surveys Scottish history from the age of the Picts and Roman contact through the fall of Bonnie Prince Charlie at Culloden in 1746. Emphasizes the creation of a Scottish state, Scottish religious and cultural developments, and the path toward the Union of the Crowns and the creation of a United Kingdom with England. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

318. HISTORY OF THE ANCIENT NEAR EAST 4 hours credit

Survey of social, political and religious institutions of the ancient Mesopotamian civilizations of the Sumerians, Babylonians, Hebrews, Assyrians, Hittites and Dynastic Egypt, with emphasis on cultural contributions. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

319. ROMAN HISTORY 4 hours credit

Portrays the rise of Rome from city-state to empire. Emphasis on social and cultural achievements from eighth century B.C. to fourth century A.D. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

320. HISTORY OF THE EARLY CHRISTIAN CHURCH 4 hours credit

Traces the history of Christianity from its origins in Jerusalem to its full organization in the reign of the emperor Justinian. Focus on the rise of episcopal authority, the origins and popular appeal of monasticism and the early papacy. Includes selections from the New Testament, the church fathers of the East and Saint Augustine. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

321. HISTORY OF MEDIEVAL EUROPE 4 hours credit

Survey of culture and institutions of eastern and western Europe from the Age of Constantine to the end of the Hundred Years' War and the fall of Constantinople to the Turks. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

322. RENAISSANCE TO REVOLUTION (1450-1815) 4 hours credit

European developments from the Age of Exploration through the French Revolution, emphasizing the development of early nationalism, absolutism, colonialism, capitalism, the middle classes, religious wars, cultural change and scientific thought. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

323. EUROPE IN THE 19TH CENTURY 4 hours credit

Analysis of developments from the time of Napoleon to 1900

with emphasis on the industrial revolution and imperialism. Considers reorganization of the European state system and origins of the great ideological conflicts. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

324. GERMAN HISTORY SINCE 1815 4 hours credit

History of German-speaking Europe from the Napoleonic period to the present concentrating on the problems of German nationalism within the framework of modern European society. Social, economic and cultural developments also emphasized. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

325. HISTORY OF EUROPEAN REVOLUTIONS SINCE 1815 4 hours credit

Examination of representative revolutions since the time of Napoleon. Assesses the influence of the French revolution on 19th century uprisings; explores the changed character of revolutions in the 20th century; attempts to construct a revolutionary model. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

326. THE FRENCH REVOLUTION AND NAPOLEON, 1789-1815 4 hours credit

Study of the French Revolution and the Napoleonic period. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

327. THE HABSBURG EMPIRE, 1740-1918 4 hours credit

Examination of the Habsburg lands and peoples emphasizing the political, cultural, economic, dynastic and ethnic problems of the monarchy. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

330. PROSEMINAR IN HISTORY 4 hours credit

Survey of selected historians and their philosophies of history. Guides students in the preparation of a formal research paper using primary and secondary sources. **Prerequisites:** HIST 101, 102 and 201 or 202. **Three hours lecture, one hour laboratory per week. Meets General Education IIB. (Required C or better.)**

332. MODERN MEXICO 4 hours credit

Mexican history since 1815 with special attention to independence, caudillismo, relations with the United States, revolution, democracy, socioeconomic inequality and ethnicity. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

333. MODERN BRAZIL 4 hours credit

Brazilian history since 1822 with special attention to imperial organization, slavery and abolition, populism, military rule, socioeconomic inequality, and economic development. **Three hours per week with enhancement. Meets General Education IIB.**

334. COLONIAL LATIN AMERICA 4 hours credit

History of Colonial Latin America, focusing on the interaction between various Native American groups and the Spanish and Portuguese, as well as political and economic move-

ments which accompanied colonization. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

335. MODERN LATIN AMERICA 1800-PRESENT 4 hours credit

Survey of Latin American history from the age of independence from Spain and Portugal through the early 2000s. The primary focus is the origins and development of natural wealth and social deprivation in political, social and cultural developments in several different regions. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

340. HISTORY OF AFRICA TO 1870 4 hours credit

Development of indigenous political and social institutions leading to the formation of states and empires. The slave trade and the onset of European imperialism emphasized. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

341. HISTORY OF AFRICA: 1870-PRESENT 4 hours credit

Emphasizes the history and politics of imperialism from the "scramble" for Africa to decolonization. Emphasis on the interaction of African and European institutions. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

342. HISTORY OF INDIA TO 1857 4 hours credit

Study of the early political, social, cultural and religious history of the Indian subcontinent until 1857. Focus is on the development of Indian institutions, the rise of Hinduism and Buddhism, the Mauryan, Gupta and Mughal empires, and the arrival of Europeans. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

343. HISTORY OF INDIA: 1857 TO PRESENT 4 hours credit

Study of political, social and cultural history of India from the mid-19th century to the present. Emphasis on the period of British rule, growth of Indian nationalism and the emergence of independent India and Pakistan. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

350. THE MIDDLE EAST TO 1800 4 hours credit

Survey of the political, social and economical history of the Middle East from the rule of Islam to the 19th century. Emphasis on the rise and decline of the Arab Caliphates, Persia and the Ottomans. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

355. THE MIDDLE EAST SINCE 1800 4 hours credit

History of the strategic region from the beginnings of nationalism through the fall of the Ottoman Empire to the current existence of independent states. Emphasis on the historical understanding of the modern situation. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

362. CHINESE CIVILIZATION 4 hours credit

Chinese civilization from its origins in the Bronze Age to the

rise of nationalism and communism in the 20th century. Attention divided equally between political and cultural history, emphasizing the development of traditional institutions in Chinese society, as well as art, literature, religion and philosophy. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

363. JAPANESE CIVILIZATION 4 hours credit

Japanese culture and political development from the Familial Age to the present. Equal emphasis on politics, economics, art and architecture, drama and literature, philosophy, and religion as persistent and evolving traditions. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

364. MODERN JAPAN 4 hours credit

Economic, social, cultural and political study of the evolution of Japan from a traditional, isolated and closed society to a Westernized superpower. Emphasis on the 19th and 20th centuries. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

370. GREEK HISTORY 4 hours credit

Historical survey of classical Greek civilization, including political, socioeconomic and religious institutions. Particular emphasis on cultural and artistic aspects of Hellenic civilization. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

371. INTRODUCTION TO CLASSICAL MYTHOLOGY 4 hours credit

Introduces the student to major figures in classical Greek and Roman mythology and demonstrates the interconnectedness of classical mythology and history from ancient times until the present. A general knowledge of classical mythology is indispensable for an understanding of social and political history of both the ancient and modern worlds. Also, without this knowledge, much of literature and art, past and present, would remain unintelligible. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

375. TOPICS IN AMERICAN STUDIES 4 hours credit

Historical study of a particular aspect of American society and culture. May be taken twice under different course titles. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

376. VIOLENCE AND NONVIOLENCE IN AMERICA 4 hours credit

Explores the paradoxical history of violence and nonviolence in America through lectures, readings and films. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

377. WOMEN IN EARLY AMERICAN HISTORY 4 hours credit

Examines the role of women in U.S. history from Colonial times to 1890, with particular attention to the family and to traditional politics, economic and cultural institutions. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

378. WOMEN IN MODERN AMERICA 4 hours credit

Charts the course of the women's movement in 20th-century America, examining the relationship between organized feminism and changes in public and private lives of women from different class, racial and ethnic backgrounds. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

379. WOMEN AND FAMILY IN EUROPE AND THE UNITED STATES 4 hours credit

Explores a variety of themes in the history of women and the family during the 19th and 20th centuries. Themes studied include women and religion, middle-class female values, the working-class experience, feminism, and gender roles in various political and cultural contexts. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

380. THE AMERICAN MILITARY EXPERIENCE 4 hours credit

Military history enables students to understand better the role played by the armed forces in American society today through a study of the origins and development of military institutions, traditions and practices in the United States, 1775 to the present. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

382. AMERICAN RELIGIOUS HISTORY 4 hours credit

Survey of religious developments in America from pre-European settlement to the 20th century. Special attention to relationships among social, cultural and religious changes. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

383. HISTORY OF AMERICAN ENTERPRISE 4 hours credit

Study of the development of the American entrepreneurial spirit and its influence on culture, society and politics from the European heritage to the present. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

384. NATIVE AMERICAN HISTORY 4 hours credit

Explores Native American history before contact with Europeans, through struggles with the emerging new nation, forced reservations and Indian activism, to current status of tribal members. Examines the political, economic, social and cultural aspects of Native Americans. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

386. WILDERNESS AND U.S. CULTURE, 1492-PRESENT 4 hours credit

Study of historical factors that contributed to attitudes toward wilderness and preservation efforts. Particular emphasis on American thought with special attention to Thoreau, Cole, Muir and Leopold. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

387. RACISM AND DISCRIMINATION 4 hours credit

Multiperspective historical examination of the nature, origins and growth of racism and discrimination in America, with particular emphasis on the 20th century. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

388. CIVIL RIGHTS IN AMERICAN HISTORY 4 hours credit

History of civil rights in America from the colonial period to the present; emphasis on the application of civil rights legislation to African-Americans and Indians and expansion to include women and others. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

389. U.S. ENVIRONMENTAL HISTORY 4 hours credit

History of rural and urban land use. Topics include the rise of the public lands movement and environmentalism in the United States, the history of ecology and the cultural roots of the modern environmental crisis. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

390. STUDIES IN WESTERN EUROPE 4 hours credit

Focused study on particular periods, places, trends or problems in Western Europe. May be taken twice under different course titles. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

392. GLOBAL ENVIRONMENTAL HISTORY 4 hours credit

Whether one is discussing the Chernobyl disaster, the crab fishery in Maryland or global warming, the problems, as well as the proposed solutions, of contemporary environmentalism are all couched in international terms. As such, environmentalism is at the center of 20th century debates about the limits of the nation-state. The emergence of this contemporary international environmentalism, is closely linked to the history of the modern world. Topics ranging from the Industrial Revolution, European expansion and colonialism, to revolt, nationalism and the politics of the Cold War will be examined. Although the roots of current environmental politics will be discussed, the course will focus on the recent past, from the 1880s to the present, and on the challenges to modernity posed by environmental change. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

395. MATERIAL CULTURE STUDIES IN AMERICAN HISTORY 4 hours credit

Introduction to the specialized study of the American past through examination of cultural artifacts and documents relating to them. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

399. INTERNATIONAL FIELD STUDY 4-8 hours credit

On-site study of the geography, history and culture of selected countries. Work in the field preceded by pre-tour lectures. May be taken twice for credit under different subtitles. **Prerequisite:** Sophomore standing or permission of instructor. **Meets General Education IIB.**

400. HISTORY OF MARYLAND 4 hours credit

Study of Maryland history and government from the colonial period to present. Places special stress on the leaders, institutions and contributions made in Maryland and by Maryland to the nation. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

401. HISTORY OF U.S. FOREIGN RELATIONS 4 hours credit

Historical study of U.S. foreign relations from independence to the present, focusing on the global impact of the nation as

an economic, cultural, political and military superpower. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

405. THE UNITED STATES IN THE 20TH CENTURY I 4 hours credit

Progressivism to 1945. Study of the major political, diplomatic, economic, intellectual and social forces that shaped America during the first part of the 20th century, including the Progressive Movement, World War I, Roaring '20s, Great Depression and World War II. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

406. THE UNITED STATES IN THE 20TH CENTURY II 4 hours credit

U.S. history from 1945 to 2000. Study of the major diplomatic, economic, intellectual and social forces that shaped America in the years following World War II, including the Cold War, Civil Rights Movement, tumultuous 1960s, and trends in the 1970s, 1980s and 1990s. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

407. THE WESTWARD MOVEMENT 4 hours credit

Study of the westward movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

408. HISTORY OF THE SOUTH 4 hours credit

History of the South from the colonial period to the present, covering developments in politics, economics, culture and society. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

412, 413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I AND II 4 hours credit each

Studies of American thought as reflected by the people and leaders. Development of American heritage from the colonial period to the present, emphasizing the intellectual, social, religious and economic movements. The first course covers from the colonial period to reconstruction and the second course from about 1876 to present. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

415. HISTORY AND FILM 4 hours credit

Examines the impact of film on the study and understanding of history. Includes a study of how film has been used to portray 20th century events, how it has captured major events on film and how its power can be used to manipulate public opinion. Documentaries, narrative films and scholarly works will be used as resources. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education requirement IIB.**

417. HISTORY OF SCIENCE AND TECHNOLOGY 4 hours credit

Survey of evolution of scientific achievements and technology in the Western world, with particular emphasis on the cultural, economic and social implications of these developments. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

421. EUROPE IN THE 20TH CENTURY WORLD**4 hours credit**

Study of the economic, social, intellectual and political development of Europe, viewed in the context of world wars, depression and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

422. THE IMMIGRANT IN AMERICAN HISTORY**4 hours credit**

Explore the history of immigration and ethnicity during the 19th and 20th centuries with an emphasis on socio-cultural dimensions of the immigrant experience, and on historical debates on citizenship, national identity, legislation, work and family life, and ethnic identity. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

423. IMPERIAL RUSSIA**4 hours credit**

Study of the Russia empire from Peter the Great to the 1917 revolution focusing on the political, economic and social developments, Russia's expansion and the conditions that led to revolution. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

424. MODERN RUSSIA**4 hours credit**

Survey of the 20th century Russia and the Soviet Union, emphasizing the growth to global power, continuity and change, and the inherent problems that led to Soviet collapse and the rise of a new Russia. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

430. READINGS IN HISTORY**4 hours credit**

Readings course for students who have achieved above average in at least 18 hours of history courses. May be taken twice under different course titles. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

433. HISTORY OF TUDOR-STUART BRITAIN**4 hours credit**

History of Tudor and Stuart Britain, 1485-1707. Surveys the dramatic period of the 16th and 17th centuries in England and the turning point between medieval and modern worlds. Course examines the Reformation, the rise of Parliament, the English Civil Wars, the emergence of Great Britain and the English Renaissance. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

435. SENIOR THESIS**4 hours credit**

Individual research and preparation of a thesis by history majors. **Prerequisite:** Permission of department chair. **Three hours per week with enhancement.**

436. WORKERS AND WORK IN MODERN AMERICA**4 hours credit**

Explore the history of the American worker in 19th and 20th centuries with an emphasis on the changing nature of work itself, the labor movement, working-class protest and identity, issues of class, gender and race, and a consideration of current debates on unions, meaningful work and deindustrialization. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

438. AMERICA IN THE GREAT DEPRESSION**4 hours credit**

The songs "Brother Can You Spare a Dime" and "Happy Days Are Here Again" caught the despair and hope of Americans during the 1930s. This course considers American society, politics and culture during the 1930s. The first half explores the Crash of 1929, the social impact of the Depression, and the effectiveness of the Hoover and Roosevelt administrations in handling the national emergency. The second half explores aspects of the New Deal era: the experience of minorities, women and workers, the arts and popular culture. **Prerequisite:** HIST 330 or permission of instructor. **Three hours per week with enhancement.**

440. MINORITY GROUPS IN UNITED STATES HISTORY**4 hours credit**

Attention to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

444. AFRICAN-AMERICAN HISTORY TO 1865**4 hours credit**

Explores African-American history from the Colonial period to 1865. Focuses on the beginnings of enslavement, the development of the slavery institution and the role of African-Americans in the Civil War. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

445. AFRICAN-AMERICAN HISTORY FROM 1865**4 hours credit**

Explores African-American history from 1865 to present. Focuses on the struggle for acceptance, patterns of discrimination and current challenges. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

446. READINGS IN AFRICAN-AMERICAN HISTORY**4 hours credit**

Introduction to past and current literature on African-Americans from 1619 to the present. Students critique, evaluate and discuss readings that depict various facets of the African experience in America. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

451. WORLD WAR I**4 hours credit**

Study of the events that occurred during World War I, from the assassination of Franz Ferdinand at Sarajevo to the peace of 1919. Emphasis on political developments, social and intellectual implications of the war, and its significance in shaping the 20th century. May not receive credit for both HIST 381 and HIST 451. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

452. THE SECOND WORLD WAR:**A GLOBAL HISTORY****4 hours credit**

The Second World War has shaped the contemporary world as no other 20th century event has. Through discussion and study of texts and film, this course examines the global political, military and economic aspects of the conflict as well as its social and cultural impact. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

453. THE COLD WAR: A GLOBAL HISTORY**4 hours credit**

After 1945 the fierce rivalry between the United States and the Soviet Union threatened the world with nuclear destruction and dominated global politics for almost 50 years. This

course examines the political and cultural impact of the Cold War on the United States, Europe and the developing world. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

460. HISTORY OF CHINA SINCE 1800**4 hours credit**

The revolutionary transformation of China from the 19th century to the present, with emphasis on the impact of imperialism, the profound effects of Western technology and foreign policy wrought by the history of its relations with the West. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

465. MONGOL WARLORD**4 hours credit**

Examines the meteoric rise and fall of the world's largest empire, its impact, and the legacy on the large areas of Europe, the Middle East, and East and Central Asia. **Three hours per week with enhancement. Meets General Education IIB.**

470. HISTORY OF THE EARLY ROMAN EMPIRE**4 hours credit**

Study of particular institutions and movements in Roman history. Emphasis on family history and social and religious trends during the early imperial period of Roman history. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

471. BRONZE AGE AEGEAN**4 hours credit**

Study of the Bronze Age Aegean archaeology of the Minoan, Mycenaean and Trojan civilizations. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

472. STUDIES IN CLASSICAL ARCHAEOLOGY**4 hours credit**

Assorted topics and archaeological sites of the ancient Mediterranean world (Crete, Greece and Italy). May be taken twice under different subtitles. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

473. ROMAN ARCHAEOLOGY**4 hours credit**

Study of Roman archaeology from the early Iron Age through the Republican and Imperial periods. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

474. HISTORY OF ANCIENT EGYPT**4 hours credit**

Intensive study of three eras of Egyptian history: the Pyramid Age, the chaotic Middle Kingdom and New Kingdom Absolutism. Emphasis on cultural, religious and artistic contributions. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

475. GREEK ARCHAEOLOGY**4 hours credit**

Study of Greek archaeology from the Protogeometric and Archaic periods through the Classical (Hellenic) and Hellenistic eras. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

477. MILITARY HISTORY OF THE MODERN WORLD**4 hours credit**

Examines the military history of the modern world from 1500 AD to the present. The focus is on the strategy and tactics used by modern armies, how these affected the lives of populations and how new developments in these fields have influenced the history of the modern world. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement.**

478. ANCIENT MILITARY HISTORY**4 hours credit**

Explores the history of the great battles and campaigns of antiquity. Emphasis is placed on developments in strategy and tactics, the lives of the men in the ranks, the careers of leaders, and the decisive nature of these conflicts on the course of history. Special attention is given to the interaction between military realities and the functioning of society as a whole. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

479. MEDIEVAL MILITARY HISTORY**4 hours credit**

Explores the military history of the medieval world from the fall of the Roman Empire in the fourth century A.D. and the establishment of the Germanic kingdoms to the decline of the supremacy of mounted warrior at the beginning of the sixth century. Students will be encouraged to understand the relationship between military realities and the social structure of medieval societies. The course will also outline the strategy and tactics used by medieval armies, how these tactics affected the lives of populations and how new developments in these fields led to the creation of nation-states in the early modern period. Time will also be spent studying the ideas of the period through the lives of some of the medieval world's greatest soldiers, statesmen, philosophers and historians. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

480. MUSEUM STUDIES**4 hours credit**

Work experience course that invites students to learn techniques of museology. Students work in cooperation with various local or regional museums under the supervision and direction of a museum curator. May be taken twice with the permission of the instructor. **Prerequisite:** Written approval of department chair to register. **Three hours per week with enhancement. Meets General Education IIB.**

483. ENVIRONMENTAL HISTORY OF DELMARVA**4 hours credit**

Through class discussions, students will gain an understanding of the natural history of Delmarva and Chesapeake, the changing patterns of land and resource use, environmental conflicts, the growth of 20th century conservation efforts and the implication of burgeoning growth in the Eastern metropolitan corridor of Delmarva. This course draws upon the resources of the Salisbury area through local speakers, environmental activists, foresters, authors and farmers. The course will utilize: the Ward Museum of Wildfowl Art, the Nanticoke Indian Museum, Furnace Town, Wye Island NWMA, Pemberton Park, and Crisfield and Smith islands. Research paper is required. **Prerequisite:** Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

484. SEMINAR IN LATIN AMERICAN HISTORY**4 hours credit**

Explores through readings, discussion and research basic problems in Latin American history. The period or topics studied are selected by the instructor. May be taken twice under different course subtitles. **Prerequisite:** HIST 330 or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

490. STUDIES IN HISTORY**4 hours credit**

Intensive historical study of particular periods and groups, economic, intellectual, cultural, social movements and/or institutions. May be taken twice under different course titles.

Prerequisite: Sophomore standing or permission of instructor. **Three hours per week with enhancement. Meets General Education IIB.**

496. INDEPENDENT STUDY/HISTORIOGRAPHY**4 hours credit**

Advanced students will read in depth on a chosen subject under the guidance of a faculty mentor. Focus is on secondary sources to gain understanding of the range of historical interpretations on a given subject. **Prerequisite:** HIST 330 or permission of instructor and department chair.

497. UNDERGRADUATE RESEARCH**4 hours credit**

Research opportunity for advanced students of history to reconstruct aspects of the past using primary documentation under the guidance of a faculty member knowledgeable of the chosen subject. **Prerequisites:** HIST 330 and permission of instructor or department chair.

498. INTERNSHIP**1-4 hours credit**

This course is intended to provide advanced undergraduate history majors with the opportunity to gain professional experience in a history-related field under the supervision of an on-site professional and a faculty member. Open to juniors and seniors, it offers excellent preparation for professional development in history related fields or for graduate study. **Prerequisites:** HIST 330 and permission from instructor or department chair.

499. HONORS**4 hours credit**

Independent study, research and conferences undertaken by history majors for departmental honors at the invitation of the department. May not be taken on a pass/no credit basis. **Prerequisites:** Approval of department, 20 hours of coursework in history including HIST 330, minimum 3.5 average in history.

500. HISTORY OF MARYLAND**3 hours credit**

Study of Maryland history and government from the colonial period to present. Places special stress on the leaders, institutions and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

511. THE UNITED STATES IN THE 20TH CENTURY I**3 hours credit**

Progressivism to 1945. Study of the major political, diplomatic, economic, intellectual and social forces that shaped America during the first part of the 20th century, including the Progressive Movement, World War I, Roaring '20s, Great Depression and World War II. **Three hours per week.**

513. THE UNITED STATES IN THE 20TH CENTURY II**3 hours credit**

U.S. history from 1945 to 2000. Study of the major diplomatic, economic, intellectual and social forces that shaped America in the years following World War II, including the Cold War, Civil Rights Movement, tumultuous 1960s, and trends in the 1970s, 1980s and 1990s. **Three hours per week.**

514. THE WESTWARD MOVEMENT**3 hours credit**

Study of the westward movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Three hours per week.**

515. HISTORY AND FILM**3 hours credit**

Examines the impact of film on the study and understanding of history. Includes a study of how film has been used to portray 20th century events, how it has captured major events on film and how its power can be used to manipulate public opinion. Documentaries, narrative films and scholarly works will be used as resources. **Three hours per week.**

516. HISTORY OF THE SOUTH**3 hours credit**

History of the South from the colonial period to the present, covering developments in politics, economics, culture and society. **Three hours per week.**

517. HISTORY OF SCIENCE AND TECHNOLOGY**3 hours credit**

Survey of evolution of scientific achievements and technology in the Western world, with particular emphasis on the cultural, economic and social implications of these developments. **Three hours per week.**

518, 519. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I AND II**3 hours credit each**

Studies of American thought as reflected by the people and leaders. Development of American heritage from the colonial period to the present, emphasizing the intellectual, social, religious and economic movements. The first course covers from the colonial period to reconstruction and the second course from about 1876 to present. **Three hours per week.**

521. EUROPE IN THE 20TH CENTURY WORLD**3 hours credit**

Study of the economic, social, intellectual and political development of Europe, viewed in the context of world wars, depression and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Three hours per week.**

522. THE IMMIGRANT IN AMERICAN HISTORY**3 hours credit**

Explores the history of immigration and ethnicity during the 19th and 20th centuries with an emphasis on socio-cultural dimensions of the immigrant experience, and on historical debates on citizenship, national identity, legislation, work and family life, and ethnic identity. **Three hours per week.**

523. IMPERIAL RUSSIA**3 hours credit**

Study of the Russia empire from Peter the Great to the 1917 revolution focusing on the political, economic and social developments, Russia's expansion and the conditions that led to revolution. **Three hours per week.**

524. MODERN RUSSIA**3 hours credit**

Survey of the 20th century Russia and the Soviet Union, emphasizing the growth to global power, continuity and change, and the inherent problems that led to Soviet collapse and the rise of a new Russia. **Three hours per week.**

525. HISTORY OF U.S. FOREIGN RELATIONS**3 hours credit**

Historical study of U.S. foreign relations from independence to the present, focusing on the global impact of the nation as an economic, cultural, political and military superpower. **Three hours per week.**

533. HISTORY OF TUDOR-STUART BRITAIN**3 hours credit**

History of Tudor and Stuart Britain, 1485-1707. Surveys the dramatic period of the 16th and 17th centuries in England and the turning point between medieval and modern worlds. Course examines the Reformation, the rise of Parliament, the English Civil Wars, the emergence of Great Britain and the English Renaissance. **Three hours per week.**

536. WORKERS AND WORK IN MODERN AMERICA**3 hours credit**

Explores the history of the American worker in 19th and 20th centuries with an emphasis on the changing nature of work itself; the labor movement; working-class protest and identity; issues of class, gender and race; and a consideration of current debates on unions, meaningful work and deindustrialization. **Three hours per week.**

538. AMERICA IN THE GREAT DEPRESSION**3 hours credit**

The songs "Brother Can You Spare a Dime" and "Happy Days Are Here Again" caught the despair and hope of Americans during the 1930s. This course considers American society, politics and culture during the 1930s. The first half explores the Crash of 1929, the social impact of the Depression, and the effectiveness of the Hoover and Roosevelt administrations in handling the national emergency. The second half explores aspects of the New Deal era: the experience of minorities, women and workers, the arts and popular culture. **Three hours per week.**

540. MINORITY GROUPS IN UNITED STATES HISTORY**3 hours credit**

Attention to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

544. AFRICAN-AMERICAN HISTORY TO 1865**3 hours credit**

Explores African-American history from the colonial period to 1865. Focuses on the beginnings of enslavement, the development of the slavery institution and the role of African-Americans in the Civil War. **Three hours per week.**

545. AFRICAN-AMERICAN HISTORY FROM 1865**3 hours credit**

Explores African-American history from 1865 to present. Focuses on the struggle for acceptance, patterns of discrimination and current challenges. **Three hours per week.**

551. WORLD WAR I**3 hours credit**

Study of the events that occurred during World War I, from the assassination of Franz Ferdinand at Sarajevo to the peace of 1919. Emphasis on political developments, social and intellectual implications of the war, and its significance in shaping the 20th century. **Three hours per week.**

552. THE SECOND WORLD WAR: A GLOBAL HISTORY**3 hours credit**

The Second World War has shaped the contemporary world as no other 20th century event has. Through discussion and study of texts and film, this course examines the global political, military and economic aspects of the conflict as well as its social and cultural impact. **Three hours per week.**

553. THE COLD WAR: A GLOBAL HISTORY**3 hours credit**

After 1945 the fierce rivalry between the United States and the Soviet Union threatened the world with nuclear destruction and dominated global politics for almost 50 years. This course examines the political and cultural impact of the Cold War on the United States, Europe and the developing world. **Three hours per week.**

560. HISTORY OF CHINA SINCE 1800**3 hours credit**

The revolutionary transformation of China from the 19th century to the present, with emphasis on the impact of imperialism, the profound effects of Western technology and foreign policy wrought by the history of its relations with the West. **Three hours per week.**

565. MONGOL WARLORD**3 hours credit**

Examines the meteoric rise and fall of the world's largest empire, its impact, and the legacy on the large areas of Europe, the Middle East, and East and Central Asia. **Three hours per week.**

570. HISTORY OF THE EARLY ROMAN EMPIRE**3 hours credit**

Study of particular institutions and movements in Roman history. Emphasis on family history and social and religious trends during the early imperial period of Roman history. **Three hours per week.**

571. BRONZE AGE AEGEAN**3 hours credit**

Study of the Bronze Age Aegean archaeology of the Minoan, Mycenaean and Trojan civilizations. **Three hours per week.**

572. STUDIES IN CLASSICAL ARCHAEOLOGY**3 hours credit**

Assorted topics and archaeological sites of the ancient Mediterranean world (Crete, Greece and Italy). May be taken twice under different subtitles. **Three hours per week.**

573. ROMAN ARCHAEOLOGY**3 hours credit**

Study of Roman archaeology from the early Iron Age through the Republican and Imperial periods. **Three hours per week.**

574. HISTORY OF ANCIENT EGYPT**3 hours credit**

Intensive study of three eras of Egyptian history: the Pyramid Age, the chaotic Middle Kingdom and New Kingdom Absolutism. Emphasis on cultural, religious and artistic contributions. **Three hours per week.**

575. GREEK ARCHAEOLOGY**3 hours credit**

Study of Greek archaeology from the Protogeometric and Archaic periods through the Classical (Hellenic) and Hellenistic eras. **Three hours per week.**

577. MILITARY HISTORY OF THE MODERN WORLD**3 hours credit**

Examines the military history of the modern world from 1500 AD to the present. The focus is on the strategy and tactics used by modern armies, how these affected the lives of populations and how new developments in these fields have influenced the history of the modern world. **Three hours per week.**

578. ANCIENT MILITARY HISTORY**3 hours credit**

Explores the history of the great battles and campaigns of antiquity. Emphasis is placed on developments in strategy and tactics, the lives of the men in the ranks, the careers of leaders, and the decisive nature of these conflicts on the course of history. Special attention is given to the interaction between military realities and the functioning of society as a whole. **Three hours per week.**

579. MEDIEVAL MILITARY HISTORY**3 hours credit**

Explores the military history of the medieval world from the fall of the Roman Empire in the fourth century A.D. and the establishment of the Germanic kingdoms to the decline of the supremacy of mounted warrior at the beginning of the sixth century. Students will be encouraged to understand the relationship between military realities and the social structure of medieval societies. The course will also outline the strategy and tactics used by medieval armies, how these tactics affected the lives of populations and how new developments in these fields led to the creation of nation-states in the early modern period. Time will also be spent studying the ideas of

the period through the lives of some of the medieval world's greatest soldiers, statesmen, philosophers and historians. **Three hours per week.**

580. MUSEUM STUDIES

3 hours credit

Work experience course that invites students to learn techniques of museology. Students work in cooperation with various local or regional museums under the supervision and direction of a museum curator. May be taken twice with the permission of the instructor. **Three hours per week.**

583. ENVIRONMENTAL HISTORY OF DELMARVA

3 hours credit

Through class discussions, students will gain an understanding of: the natural history of Delmarva and Chesapeake, the changing patterns of land and resource use, environmental conflicts, the growth of 20th century conservation efforts and the implication of burgeoning growth in the Eastern metropolitan corridor of Delmarva. This course draws upon the resources of the Salisbury area through local speakers, environmental activists, foresters, authors and farmers. The course will utilize: the Ward Museum of Wildfowl Art, the Nanticoke Indian Museum, Furnace Town, Wye Island NWMA, Pemberton Park, and Crisfield and Smith islands. Research paper is required. **Three hours per week.**

590. STUDIES IN HISTORY

3 hours credit

Intensive historical study of particular periods and groups, economic, intellectual, cultural, social movements and/or institutions. May be taken twice under different course titles. **Three hours per week.**

601. METHODS OF HISTORICAL RESEARCH

3 hours credit

Students will examine first hand the vast original documentation relating to the Lower Delmarva Peninsula at the Nabb Research Center and what sort of social, political, educational, economic, religious or cultural material(s) may be included in each record type. Familiarity with 17th and 18th century language and handwriting (similar to learning a foreign language) must also be included to understand the documents. Research and interpretation will focus on creating a more complete picture of what life was like during the century after the initial settlement of the Lower Eastern Shore area. May be taken only once. **Three hours per week.**

602. SEMINAR: COLONIAL AND REVOLUTIONARY AMERICA

3 hours credit

A study of Colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific topics through individual research projects. May be taken twice under different course subtitles. **Three hours per week.**

603. SEMINAR IN 19TH CENTURY AMERICA

3 hours credit

An opportunity to explore in-depth 19th century American society, via themes selected by the instructor. May be taken twice under different course subtitles. **Three hours per week.**

604. SEMINAR IN EUROPEAN HISTORY

3 hours credit

Designed to enable the student to explore, through intensive research, basic problems in European history. The period or topics to be studied will be selected by the instructor. May be taken twice under different course subtitles. **Three hours per week.**

605. SEMINAR: MARYLAND HISTORY

3 hours credit

Designed to acquaint students, through readings and

research, with some of the major problems and developments in the history of Maryland. May be taken twice under different course subtitles. **Three hours per week.**

606. SEMINAR IN 20TH CENTURY AMERICA

3 hours credit

Enables intensive exploration of specific periods and/or problems in this century through individual research. May be taken twice under different course subtitles. **Three hours per week.**

607. SEMINAR IN CHESAPEAKE AND MIDDLE ATLANTIC HISTORY

3 hours credit

Intensive seminar exploring comparative facets of Chesapeake history (economic, social, cultural, religious and political) in Maryland, Virginia, Delaware, New Jersey, Pennsylvania and New York. The impact of the Chesapeake area (and Delmarva) within the broader context of the Middle Atlantic community will be understood. May be taken twice under different subtitles. **Three hours per week.**

608. SEMINAR IN AMERICAN DIPLOMACY

3 hours credit

Permits investigation, through reading and research, of selected problems in the history of American diplomacy. May be taken twice under different course subtitles. **Three hours per week.**

609. STUDIES IN EARLY DELMARVA

3 hours credit

Intensive seminar which explores life on early Colonial Delmarva through examination of primary records of the Lower Eastern Shore including settlers, settlement patterns, and social and familial networks. In-depth analysis will result in the reconstruction of this Eastern Shore social and economic world. May be taken twice under different subtitles. **Three hours per week.**

610. SEMINAR IN LATIN AMERICAN HISTORY

3 hours credit

An intensive study of major institutions and specific periods in Latin America through reading and research. May be taken twice under different course subtitles. **Three hours per week.**

612. SPECIAL TOPICS SEMINAR

3 hours credit

An intensive readings or research course on a special topic selected by the instructor. May be taken twice under different course subtitles. **Three hours per week.**

613. SEMINAR IN ANCIENT HISTORY

3 hours credit

An intensive seminar exploring ancient civilizations such as Greece, Rome, Egypt and the Near East as selected by the instructor. May be taken twice under different course subtitles. **Three hours per week.**

614. SEMINAR IN ASIAN HISTORY

3 hours credit

An intensive seminar exploring in-depth Asian societies via themes selected by the instructor. May be taken twice under different course subtitles. **Three hours per week.**

615. SEMINAR IN AFRICAN HISTORY

3 hours credit

An in-depth study of specific topics in African history as selected by the instructor. May be taken twice under different course subtitles. **Three hours per week.**

625. INTERNSHIP

3 hours credit

Provides the opportunity to gain professional experience in a history-related field under the supervision of an on-site super-

visor and a faculty member. Internships in public history, museum studies, archival and library science, non-profit, history education, and cultural preservation are particularly suitable. Open to all M.A.-level students and may count as one of the five required 600-level courses toward the degree requirements. May be taken only once. **Prerequisites:** HIST 601, minimum of nine credit hours completed in the program, approval of the graduate director. **Three hours per week.**

629. INDIVIDUAL RESEARCH/HISTORIOGRAPHY

3 hours credit

Specialized historiography and/or research course for graduate students (either thesis or non-thesis options). May be taken only once. **Prerequisite:** Permission of the graduate director. **Three hours per week.**

630. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in master's degree program under departmental supervision. **Prerequisites:** May be taken only once and only in conjunction with HIST 631. Permission of the graduate director. **Three hours per week.**

631. THESIS

3 hours credit

May be taken only once and may be taken without HIST 630. **Prerequisite:** Permission of the graduate director.

HONORS (HONR)

111. CRITICAL THINKING AND WRITING

4 hours credit

Examines processes for developing clear and sound arguments. Emphasizes critical thinking, writing, oral debate information literacy and research skills. **Prerequisite:** Admission to the Honors Program. **Three hours per week with enhancement. Meets General Education IA.**

112. ISSUES IN THE SOCIAL SCIENCES

4 hours credit

Introduces students to fundamental aspects of the social sciences through a study of a particular issue chosen from a range of disciplines. May be taken up to three times under different topics. **Prerequisite:** Admission to the Honors Program. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

211. ISSUES IN THE HUMANITIES

4 hours credit

Introduces students to fundamental aspects of the humanities through a study of a particular cultural issue chosen from a range of disciplines. May be taken up to three times under different topics. **Prerequisite:** Admission to the Honors Program. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

212. ISSUES IN THE NATURAL SCIENCES

4 hours credit

Introduces students to fundamental aspects of the natural sciences through a study of a particular scientific issue chosen from a range of disciplines. May be taken up to three times under different topics. **Prerequisite:** Admission to the Honors Program. **Three hours per week with enhancement. Meets General Education IVB.**

311. HONORS INTERDISCIPLINARY SEMINAR

4 hours credit

Addresses topics that transcend individual disciplinary boundaries. Taught by professors from a wide variety of disciplines to appeal to Honors students of all majors. May be taken up to three times under different topics. **Prerequisites:**

Admission to the Honors Program, permission of Honors director. **Three hours per week with enhancement.**

312. HONORS RESEARCH/CREATIVE PROJECT

1 hour credit

Develop a research or creative project suitable for presentation at an undergraduate research conference or equivalent public venue. Work one-on-one with a faculty mentor from a department of the student's choosing and with Honors administrative faculty to complete and present the independent project. **Prerequisite:** Admission to Honors Program. **One hour per week. (P/F)**

490. HONORS THESIS PREPARATION

1 hour credit

Designed to set up the framework and faculty support for the thesis. It usually is taken the semester before the students write their thesis. Required for those who wish to complete a thesis. **Prerequisite:** Permission of the Honors director. **One hour per week. (P/F)**

495. HONORS THESIS

3-4 hours credit

Independent study culminating in substantial original research, scholarly or creative work. Students may apply to the Honors faculty administrators for permission to substitute another department's thesis or independent study course for HONR 495. The thesis must be completed with a B or better to fulfill the Honors program requirement. **Prerequisite:** HONR 490. **Corequisite:** HONR 496. **Three hours per week.**

496. HONORS THESIS CONSULTATION

0 hours credit

Designates the Honors thesis consultation with thesis director and committee. **Prerequisite:** HONR 490. **Corequisite:** HONR 495 or departmental research/creative course approved by Honors administrator.

INFORMATION SYSTEMS (INFO)

111. BUSINESS MICROCOMPUTER USE

1 hour credit

Laboratory course that familiarizes students with current end-user software such as word processors, spreadsheets and databases. May not receive credit for both INFO 111 and INFO 211. **Two hours per week.**

211. INFORMATION SYSTEMS CONCEPTS FOR MANAGEMENT

4 hours credit

Become familiar with current end-user software, such as word processing, spreadsheets and databases, and examine the use of these and other information technology to meet management challenges within the business environment. Computer-based labs and class discussions promote understanding of the technical aspects of information systems and an appreciation for the relationship between systems and organizational processes. May not receive credit for both INFO 111 and INFO 211. **Three hours lecture, two hours laboratory per week.**

281. INTERMEDIATE BUSINESS STATISTICS

3 hours credit

Study of modern statistical technique with emphasis on data analysis in a computer-assisted environment. Topics include analysis of variance and experimental design, categorical data analysis, regression analysis, model building, time series analysis and index numbers. **Prerequisites:** C or better in INFO 111 or INFO 211 or COSC 116; C or better in MATH 155; C or better in MATH 160 or 201. **Three hours per week.**

301. BUSINESS APPLICATIONS DEVELOPMENT**3 hours credit**

Introduction to the development of business applications using software development languages and tools commonly used in industry. Topics include design and implementation of user interfaces, business process automation and data stores. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

311. BUSINESS SYSTEMS ANALYSIS**3 hours credit**

Study of the methods and techniques for conducting a systems project that solve business problems with information technology. Plan, analyze, design and implement a business system as a member of a project team. Computer-based systems analysis and design tool is available for use in the lab. May not receive credit for both INFO 475 and INFO 311. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

315. PROJECT MANAGEMENT**3 hours credit**

Introduces students to formal project management methods, tools and processes, including scope, quality, scheduling, cost estimation, communication, risk and change management. Follows the Project Management Body of Knowledge. Although case examples focus on information systems, it can apply to any major. Includes teamwork, guest lectures from industry project leaders and software applications. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 311 or 326. **Non-Major Prerequisites:** Junior standing, C or better in INFO 311 or 326. **Three hours per week.**

326. OPERATIONS MANAGEMENT**3 hours credit**

Study of productivity, quality control, cost-effectiveness and profitability of manufacturing and service organizations from the managerial perspective. Topics include product design, resource requirements and flow, facility layout, distribution system design, quality control, forecasting techniques and inventory policy. **Major Prerequisite:** Admission to Professional Program, C or better in INFO 281. **Non-Major Prerequisite:** Junior standing, C or better in INFO 281. **Three hours per week.**

333. 3D PRINTING/DIGITALLY ENABLED PRODUCT DEVELOPMENT**3 hours credit**

Innovate digitally enabled electronic products using emerging technologies such as Arduino, 3D printing and the Internet of Things. Coverage includes concepts of basic electronics, computer programming, computer-aided design and entrepreneurship. **Prerequisite:** INFO 301 or COSC 117 or COSC 120 or one semester of programming coursework as assessed by the instructor. **Three hours per week.**

338. SPECIAL TOPICS**3 hours credit**

Advanced study of varying information systems topics based on students' interests and needs. May be repeated once for credit under different subtitle. May substitute for an information systems major elective. **Prerequisite:** Varies by topic. **Three hours per week.**

340. DATA MINING FOR BUSINESS INTELLIGENCE**3 hours credit**

A high-growth area, data mining is used by organizations to better understand their situations as well as the world in which they function in order to devise effective strategies and policy options. Learn the concepts, software tools and related skills to help students become professional data analysts. A

term project and presentation adopts a real-world, problem-solving context. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211, 281. **Non-Major Prerequisite:** Junior standing, C or better in INFO 211, 281. **Three hours per week.**

350. WEB ANALYSIS AND DESIGN**3 hours credit**

Investigates the current state of the Web by analyzing best practices. Involves formal theories for analysis and design. Students will participate in usability studies. The theories and studies of renowned usability, design and technical experts will be highlighted throughout the course. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

370. ENTERPRISE SYSTEMS AND INTEGRATED BUSINESS PROCESSES**3 hours credit**

Examines enterprise resource planning (ERP) information systems used extensively in organizations to facilitate integrated business processes. Provides a conceptual review of underlying business process implemented in ERP systems as well as hands-on use of ERP software to reinforce understanding. The roles of other enterprise systems are discussed and demonstrated. May not receive credit for both INFO 370 and INFO 470. **Major Prerequisite:** Admission to Professional Program, C or better in ACCT 201, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in ACCT 201, C or better in INFO 211. **Three hours per week.**

385. DATA COMMUNICATIONS AND NETWORKING**3 hours credit**

Concepts and characteristics of data communication systems including network architectures, network operating systems, OSI Reference Model and network trends. Examination of wired and wireless networks, network security and network management. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211 or COSC 116 or COSC 120. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211 or COSC 116 or COSC 120. **Three hours per week.**

386. DATABASE MANAGEMENT SYSTEMS**3 hours credit**

Study of the design, implementation and application of database management systems. Examination of several commercially available systems. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211 or COSC 118 or COSC 120. **Three hours per week.**

395. MANAGERIAL DECISION SUPPORT SYSTEMS WITH VBA**3 hours credit**

Implementation of computerized technologies to support managerial decision-making using Visual Basic for Applications to create cost-effective and impressive client deliverables. Topics include decision support approaches and expert systems as implemented in and integrated with spreadsheet business software for rapid applications development. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

401. MOBILE ENTERPRISE APPLICATION DEVELOPMENT**3 hours credit**

Using mobile development platforms, build and deploy hybrid mobile applications that are designed to execute across a variety of smart devices, with particular emphasis on the development of enterprise applications that extract and

deploy data from business information systems, web services and other organizational level data sources. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 301. **Non-Major Prerequisites:** Junior standing, C or better in INFO 301. **Three hours per week.**

430. BUSINESS ANALYTICS**3 hours credit**

Advanced information technologies for achieving knowledge about status, potentials and perspectives of a company out of heterogeneous and distributed data. Topics include data warehouse and OLAP, enterprise reporting, multidimensional data modeling, advanced data visualization, and predictive analysis. **Prerequisites:** Admission to Professional Program or junior standing; C or better in INFO 281, 386. **Three hours per week.**

440. STORAGE TECHNOLOGY FUNDAMENTALS**3 hours credit**

Comprehensive coverage of modern storage technology which enables students to make more informed decisions in an increasingly complex IT environment. Learn the latest storage architectures, such as Storage Subsystems, SAN, NAS, DAS, CAS, IP-SAN and data security. **Prerequisite or Corequisite:** INFO 386. **Three hours per week.**

450. COMPUTER HARDWARE AND OS TECHNOLOGIES**3 hours credit**

Study of technical topics related to computer systems. Emphasis is placed on hardware architecture, operating systems, basic networking and application software compatibility issues. May not receive credit for both INFO 450 and INFO 455. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

455. ADVANCED MICROCOMPUTER APPLICATIONS IN BUSINESS**3 hours credit**

Advanced study of microcomputer applications in business with extensive coverage of database management, decision support and operating systems and the use of standard business software. May not receive credit for both INFO 450 and INFO 455. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

460. SECURITY MANAGEMENT**3 hours credit**

Provides an overview of the field of information security and assurance through the application of policies, education and technologies. Learn a spectrum of security methodologies and procedures relating to risk management, firewalls and VPNs, access control, intrusion detection and prevention systems, cryptography, and physical security. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

465. GLOBAL INFORMATION SYSTEMS MANAGEMENT**3 hours credit**

Analysis of technical, cultural, organizational and geopolitical challenges facing business and IT professionals in implementing and managing IT in an increasingly global, technological environment. Current readings and case studies are used to examine infrastructure, e-business, global teamwork, and transborder and cross-cultural information systems issues. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 211. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211. **Three hours per week.**

471. ADVANCED TOPICS IN ERP**3 hours credit**

Examines enterprise resource planning (ERP) information systems in greater depth through extensive hands-on use of ERP software to reinforce understanding of how these systems facilitate integrated business processes. Includes configuration of an ERP system. **Prerequisites:** Admission to Professional Program, C or better in INFO 370. **Non-Major Prerequisites:** Junior standing, C or better in INFO 211, INFO 370. **Three hours per week.**

476. INFORMATION SYSTEMS DEVELOPMENT AND IMPLEMENTATION**3 hours credit**

Design, implementation, and documentation of an information system. The development project is in the form of field-study or in-depth case-study. Successful completion of this course satisfies the ABLE requirement. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 311. **Non-Major Prerequisites:** Junior standing, C or better in INFO 311. **Three hours per week.**

480. SEMINAR IN INFORMATION SYSTEMS**3 hours credit**

Study of major research findings, case studies and current issues relevant to management in the era of computer-based information systems and use of standard business software. **Prerequisites:** Information systems major and junior standing. **Three hours per week.**

485. ADVANCED SEMINAR ON NETWORKING**3 hours credit**

Advanced study of designing, implementing, administering and troubleshooting networks that incorporate major network operating systems. Discussion on effectiveness of networks and general IT. Assists students working toward entry-level general networking (Network+, Network Security, etc.) or vendor-specific (Cisco, Microsoft, Linux, etc.) certifications. **Major Prerequisites:** Admission to Professional Program, C or better in INFO 385. **Non-Major Prerequisites:** Junior standing, C or better in INFO 385. **Three hours per week.**

490. INFORMATION SYSTEMS INTERNSHIP**3 hours credit**

Professional work experience in information systems. **Prerequisites:** Junior status, information systems major, placement approval and permission of the department chair, completion of ABLE administrative requirements, admission to Professional Program, C or better in INFO 311, successful completion of BUAD 300.

491. ADVANCED INFORMATION SYSTEMS INTERNSHIP 1-3 hours credit

Research associated with an internship experience in information systems. **Prerequisite:** INFO 490 or ABLE requirement, placement approval and permission of the department chair, completion of ABLE administrative requirements. **One to three hours per week.**

494. DIRECTED STUDY IN INFORMATION SYSTEMS 1-3 hours credit

Intensive research or study of a selected topic in information systems. May be used as an information systems elective if approved by the department chair. May be repeated once for credit under different subtitles. **Prerequisites:** Junior standing and permission of instructor prior to registration.

501. ENTERPRISE SYSTEMS**3 hours credit**

Introduces basic business processes, the transactions in those processes and how data is generated via those processes. Use an enterprise resource planning (ERP) system to do these processes and use the data extracted from the system for decision-making purposes. See the advantage of an integrated system while seeing the limitations of using

a transaction-processing system for business intelligence. **Three hours per week.**

502. DATA MANAGEMENT

3 hours credit

Provides basic concepts in database management, including database processing, data modeling, database design and implementation. Learn the basic differences between a relational database and in-memory database both conceptually and through hands-on exercises. Use MySQL (relational database) to see the basic concepts of database and SAP HANA (in-memory database) to see the benefits of in-memory computing in terms of speed of processing. **Prerequisites:** INFO 501. **Three hours per week.**

503. CRM AND BUSINESS ANALYTICS

3 hours credit

Customer Relationship Management (CRM) and Engagement Intelligence is an emergent marketing and firm-to-customer business strategy based on a deep understanding of customer value. In practice, it involves the use and analysis of marketing databases and communication technologies to determine firm practices that maximize the lifetime value of each individual customer and provide answers to questions about customer loyalty and return on marketing investments. Use SAP Business Warehouse (BW) and Business Objects-Explorer for hands-on experience with analytical processes. **Prerequisites:** INFO 502. **Three hours per week.**

504. BUSINESS MOBILITY

3 hours credit

Employees increasingly rely on mobile devices to get their work done, but that requires developing the mobile applications to be able to do so. Learn the basic concepts of this cutting-edge technology by using a hybrid web container to "push" web applications to mobile devices, thus allowing individuals to access transaction data as well as sophisticated analytics via their mobile devices. Create mobile applications and use those applications to access data from an ERP systems as well as analytical and visualization technologies. **Prerequisites:** INFO 502. **Three hours per week.**

505. PREDICTIVE ANALYSIS AND DATA VISUALIZATION

3 hours credit

Building on analytics knowledge gained in CRM and Business Analytics, add predictive analytics and data visualization to the repertoire of analytics tools. Use sophisticated analytical tools and data from in-memory database to conduct advanced analysis of data from enterprise systems such as predicting the future profitability of a customer. Create dashboards and other visualization tools to allow decision makers to more easily view the results of the analysis. **Prerequisites:** INFO 503, 504. **Three hours per week.**

602. DECISION MAKING IN THE SUPPLY CHAIN

3 hours credit

Examines contemporary quantitative methodologies for optimizing firm initiatives and enhancing efficiency. Topics include multicriteria decision making, linear programming, forecasting, neural networks and Monte Carlo simulation. Ethical implications and the use of these methodologies for strategic advantage and profit maximization are discussed. **Prerequisites:** Admission to the M.B.A. program; completion of MyClasses Excel Assessment; INFO 326 (or equivalent) with a grade of C or better. **Six hours per week for half a semester.**

615. PROJECT MANAGEMENT

3 hours credit

Essential concepts in project management taking a socio-technical perspective, incorporating both technical (e.g., scheduling, budgeting, tracking) and interpersonal (e.g., teams, motivation, communication) aspects of project management. Addresses all phases of project management from planning to closing. Includes project management simulation,

hands-on use of project management software and planning for a real-world project. **Prerequisites:** Graduate standing. **Three hours per week.**

620. ENTERPRISE SYSTEMS AND INTEGRATED BUSINESS PROCESSES

3 hours credit

Exploration of enterprise-wide systems used in businesses. Explores concepts and use of different enterprise systems including ERP and CRM systems. Gain a better understanding of ERP systems by using SAP R/3 to conduct common processes in businesses. **Prerequisites:** Admission to the M.B.A. program; INFO 326 (or equivalent) with a grade of C or better. **Six hours per week for half a semester.**

655. INFORMATION SYSTEMS FOR MANAGEMENT DECISIONS

3 hours credit

Explores concepts, ethical ramifications and use of enterprise systems designed to support integrated business processes. An international business case, Global Bike, and the international leader in enterprise resource planning (ERP) software, SAP, are used to illustrate the integration and flow of information within an organization. Implications for master data management and business strategy are also discussed. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

670. MANAGEMENT SCIENCE MODELS

3 hours credit

Study of rational decision-making in a computer-assisted environment. Topics include decision theory, linear programming, distribution models, inventory and project management. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

686. DATABASE PROCESSING AND MANAGEMENT

3 hours credit

Essential concepts in database management, including database processing, data modeling, relational database design and implementation. Includes project management methods, hands-on use of database tools, SQL and a team project requiring online collaboration. **Prerequisite:** Graduate standing, computer literacy, MS Office tools. **Three hours per week.**

INTERDISCIPLINARY STUDIES (IDIS)

100. FRESHMAN SEMINAR

3 hours credit

Focus on themes, issues and questions of importance in the liberal arts and sciences. Students must co-register for three General Education courses designated as part of the General Education learning community. Meets the objectives of the college orientation seminar. May be repeated once for credit. **Three hours per week.**

235. INTRODUCTION TO INTERDISCIPLINARY STUDIES

1 hour credit

A basic introduction to interdisciplinary studies aimed at students considering the Interdisciplinary Studies Individually Designed Track. Introduces students to the fundamental tenets and values of an interdisciplinary course of study. **Prerequisite:** Permission of IDIS advisor/instructor. **One and three-quarters hours per week for half a semester.**

250. COMPARATIVE RELIGIONS

4 hours credit

Comprehensive overview of major religious traditions, including Judaism, Islam, Christianity, Hinduism, Buddhism, Taoism and religions of the ancient world. Focus on structural concepts such as the experience of the sacred, the roles of myth

and symbolic systems, cosmologies and definitions of the religious community. **Three hours per week with enhancement.**

278. INTERDISCIPLINARY GENERAL EDUCATION: HUMANITIES

3 hours credit

Introductory-level General Education interdisciplinary course offered through the cooperation of at least two departments. Topic varies semester to semester. Develops students' abilities to integrate and synthesize ideas about the beauty and truth embodied in the traditional disciplines of the humanities. Students may use only one of the following courses to satisfy General Education IIIA or IIIC requirements: IDIS 278 or 478. **Three hours per week. Meets General Education IIIA or IIIC.**

279. INTERDISCIPLINARY GENERAL EDUCATION: SOCIAL SCIENCE

3 hours credit

Introductory-level General Education interdisciplinary course offered through the cooperation of at least two departments. Topic varies semester to semester. Develops students' abilities to integrate and synthesize ideas about the interaction of humans in the social world. Students may use only one of the following courses to satisfy General Education IIIB or IIIC requirements: IDIS 279 or 479. **Three hours per week. Meets General Education IIIB or IIIC.**

280. SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES

1-6 hours credit

Interdisciplinary seminar with content varying semester to semester. May be repeated under different titles for a maximum of six hours. **One to six hours per week.**

285. INTRODUCTION TO THE CREATIVE ARTS

3 hours credit

Introduces the basic elements, principles, processes, materials, and inherent qualities of dance, music, theatre, and the visual arts. A team-teaching approach focuses on experiential learning and creativity. Students are required, as a class, to create an integrative arts performance project. **Three hours per week. Meets General Education IIIA or IIIC.**

300. SERVICE LEARNING SEMINAR

1 hour credit

Explores relationships between service and companion courses using a service learning model. Twenty hours of service and one hour seminar every other week. **Prerequisite:** Permission of instructor. **Two hours per week.**

325. INTERDISCIPLINARY STUDIES IN CIVIC ENGAGEMENT

4 hours credit

Study of different concepts and practices as they relate to interdisciplinary studies in civic engagement. May be repeated for a maximum of 12 credits under different subtitles. Note: Students taking IDIS 325 through The Washington Center must take IDIS 490 concurrently. **Prerequisite:** Permission of IDIS internship coordinator. **Three hours per week with enhancement.**

335. FUNDAMENTALS OF INTERDISCIPLINARY STUDIES

4 hours credit

A comprehensive course for undergraduate students seeking an academic career integrating multiple disciplines. Provides an in-depth study examining the purpose and value of an interdisciplinary course of study. Consider and design individualized programs as well as initiate interdisciplinary research. **Prerequisite:** Permission of IDIS advisor/instructor. **Three hours per week with enhancement.**

399. GLOBAL SEMINAR IN INTERDISCIPLINARY STUDIES

4 hours credit

Provides opportunities for study abroad experiences using the theory and skills of interdisciplinary studies in culturally diverse environments. **Four hours per week.**

424. CURRENT TOPICS IN CONFLICT

3 hours credit

In-depth, interdisciplinary examination of a current case of domestic or international conflict through investigation of its economic, sociocultural, political and historical roots, and exploration of the philosophical, political and sociocultural aspects of its resolution. **Prerequisites:** SOCI 225 or POSC 409 and junior class standing. **Three hours per week.**

435. INTERDISCIPLINARY RESEARCH SEMINAR

4 hours credit

Upper-level interdisciplinary course focused on a seminar topic. Leads to the in-depth integration of the students' work in a broad range of environments in relation to the topic. May not receive credit for both IDIS 330 and IDIS 435. **Prerequisite:** IDIS 335 or permission of instructor. **Three hours per week with enhancement.**

478. INTERDISCIPLINARY GENERAL EDUCATION: HUMANITIES

3 hours credit

Upper-level General Education interdisciplinary course offered through the cooperation of at least two departments. Topic varies semester to semester. Expands students' abilities to integrate and synthesize ideas about the beauty and truth embodied in the traditional disciplines of the humanities. Students may use only one of the following courses to satisfy General Education IIIA or IIIC requirements: IDIS 278 or 478. **Prerequisite:** Junior standing. **Three hours per week. Meets General Education IIIA or IIIC.**

479. INTERDISCIPLINARY GENERAL EDUCATION: SOCIAL SCIENCE

3 hours credit

Upper-level General Education interdisciplinary course offered through the cooperation of at least two departments. Topic varies semester to semester. Expands students' abilities to integrate and synthesize ideas about the interactions of humans in the social world. Students may use only one of the following courses to satisfy General Education IIIB or IIIC requirement: IDIS 279 or 479. **Prerequisite:** Junior standing. **Three hours per week. Meets General Education IIIB or IIIC.**

485. GENDER STUDIES CAPSTONE SEMINAR

4 hours credit

Examines the central issues and questions in women's studies/gender studies from a contemporary perspective. Addresses the constructs of masculinity and femininity in psychology, education, philosophy, history, English, sociology and art. Readings, lectures and discussion provide a theoretical framework for capstone projects in spring semester. **Prerequisite:** Permission of gender studies coordinator. **Three hours per week with enhancement.**

490. INTERNSHIP IN INTERDISCIPLINARY STUDIES

4-8 hours credit

Provide practical experience in using the theory and skills of interdisciplinary studies in public service and professional environments. May be taken for up to eight credit hours. **Prerequisite:** Permission of the IDIS internship coordinator. **Four hours or more per week.**

497. UNDERGRADUATE RESEARCH

3 hours credit

Independent student research under the supervision of the Interdisciplinary Studies Coordinator. Students will have the opportunity to study a topic in depth and design their own

research project to add to that area's body of knowledge. Specific topics are indicated on student transcripts. Public presentation required. **Prerequisites:** Junior standing, permission of interdisciplinary studies coordinator. **Three hours per week.**

INTERNATIONAL BUSINESS (INTB)

490. INTERNATIONAL BUSINESS INTERNSHIP 3 hours credit

Intern experience in international business. May substitute for an international business major elective if approved by the school dean. **Prerequisites:** Junior status, international business major, placement approval and permission of the department chair, completion of ABLE administrative requirements, and admission to Professional Program. **Three hours per week.**

494. DIRECTED STUDY IN INTERNATIONAL BUSINESS 1-3 hours credit

For students who desire to research or pursue a special topic in international business. May be used as an international business elective if approved by the chair of the Management and Marketing Department. **Prerequisites:** Junior status and permission of instructor prior to registration. **One to three hours per week.**

495. INTERNATIONAL CASE ANALYSIS 3 hours credit

This case-based course provides a unique opportunity to review and supply various theories learned through the international business curriculum, an interdisciplinary field. Highlights issues that are specific to key global industries and major business markets in the world. Emphasizes teamwork, analytical skills and presentation skills. **Prerequisites:** MGMT 320, MKTG 330, MGMT 422. **Three hours per week.**

LATIN (LATN)

101. ELEMENTARY LATIN I 3 hours credit

Introductory study of the Latin language with emphasis on basic structures including a history of Latin language from the classical period to medieval Latin. **Three hours per week. Meets General Education IIIA or IIIC.**

102. ELEMENTARY LATIN II 3 hours credit

Continuation of the beginning study of the Latin language with on-going emphasis on basic structures, translation and the history of the Latin language. **Prerequisite:** LATN 101 or at least one year of high school Latin. **Three hours per week. Meets General Education IIIA or IIIC.**

ITALIAN (ITAL)

101. ELEMENTARY ITALIAN I 4 hours credit

Beginning spoken and written Italian with emphasis on the sound system and the basic structures of the language. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY ITALIAN II 4 hours credit

Continuation of skill development in spoken and written Italian with further study of major structures. **Prerequisite:** ITAL 101 or at least one year of high school Italian. **Three**

hours per week with enhancement. Meets General Education IIIA or IIIC.

JAPANESE (JAPN)

101. ELEMENTARY JAPANESE I 4 hours credit

Beginning spoken and written Japanese with emphasis on the sound system and the basic structures of the language. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY JAPANESE II 4 hours credit

Continuation of skill development in spoken and written Japanese with further study of major structures. **Prerequisite:** JAPN 101 or at least one year of high school Japanese. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

KOREAN (KORA)

101. ELEMENTARY KOREAN I 4 hours credit

Beginning spoken and written Korean with emphasis on the sound system and the basic structures of the language. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY KOREAN II 4 hours credit

Continuation of skill development in spoken and written Korean with further study of major structures. **Prerequisite:** KORA 101 or at least one year of high school Korean. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

MANAGEMENT (MGMT)

320. MANAGEMENT AND ORGANIZATIONAL BEHAVIOR 3 hours credit

Study of the general nature, behavior and functions of organization and management in business. Emphasis on planning, organizing, leading, motivating and controlling. **Major Prerequisite:** Admission to Professional Program. **Non-Major Prerequisites:** Completion of 56 credit hours of college courses and ECON 150 or 211 or 212 with C or better. **Corequisite:** BUAD 300. **Three hours per week.**

325. BUSINESS AND SOCIETY 3 hours credit

Addresses social and ethical problems facing business today. Ethical principles and problem solving models are applied to issues of profit maximization, workplace diversity, consumerism, risk management, product liability, government-business interface, environmental economics, global business, financial management and other key business areas. Focus is on analyzing these problems and developing alternative ethical solutions through case studies, formal debates and class discussions. May not receive credit for both MGMT 420 and 325. **Prerequisite:** MGMT 320 or MKTG 330. **Three hours per week.**

338. SPECIAL TOPICS IN MANAGEMENT 3 hours credit

Advanced study of varying management topics based on students' interest and needs. May be repeated once for credit under different subtitles. May substitute for a management

major elective depending on the topic (see director of undergraduate studies). **Major Prerequisites:** Varies by topics, admission to Professional Program. **Non-Major Prerequisites:** Varies by topics, junior standing. **Three hours per week.**

350. HUMAN RESOURCE MANAGEMENT 3 hours credit

Study of management of human resources in organizations. Topics include recruiting, selecting, developing and compensating personnel; labor union relations; and development of personnel policy. May not receive credit for both MGMT 450 and 350. **Prerequisite:** MGMT 320. **Three hours per week.**

422. MANAGEMENT OF THE MULTINATIONAL BUSINESS 3 hours credit

Provides students with an understanding of the unique features that characterize the multinational enterprise. Emphasis on the changing context in which business is conducted on a global basis. **Prerequisite:** MGMT 320. **Three hours per week.**

425. APPLIED ORGANIZATIONAL SCIENCE 3 hours credit

Use of understandings about human behavior to motivate employees to work together in harmony. Topics include fundamentals of organizational behavior, leadership and its development, organizational environment and communications, and group processes. **Prerequisite:** MGMT 320. **Three hours per week.**

428. ENTREPRENEURSHIP 3 hours credit

Practical analysis of the viability of a business venture and development of a business plan to fund such a venture. Emphasis on reducing risk and uncertainty under competitive economic conditions. **Prerequisites:** MGMT 320, MKTG 330. **Three hours per week.**

429. SMALL BUSINESS CONSULTING 3 hours credit

Study of methods and techniques for consulting with small and independent businesses. Students work with business owners under faculty supervision to study real problems of small business organizations and devise and recommend solutions. **Prerequisites:** MGMT 320, MKTG 330 and senior status. **Three hours per week.**

451. STAFFING ORGANIZATIONS 3 hours credit

Detailed examination of recruitment, selection and placement as human resources management activities. Emphasis on functional and strategic staffing topics. Topics include position advertising, interviewing and selection testing. **Prerequisite:** MGMT 350. **Three hours per week.**

452. EMPLOYEE-MANAGEMENT RELATIONS 3 hours credit

Detailed examination of human resource areas covering the relationship between employees and management. Course covers unions/collective bargaining, employee rights/responsibilities and employment law. **Prerequisite:** MGMT 350. **Three hours per week.**

453. COMPENSATION 3 hours credit

Addresses various aspects of compensation, focusing primarily on private sector organizations. Explores legal, strategic and applied aspects of the subject. Discusses the importance of compensation strategy. **Prerequisite:** MGMT 320 with a grade of C or better, declared human resource management track or permission of instructor. **Three hours per week.**

454. NEGOTIATION 3 hours credit

Explores the dynamics of negotiation. Learn interdisciplinary theories of negotiation and concepts important to the mastery of negotiation skills. The development of individual and group negotiation strategy and the use of maximizing techniques in a range of contextual settings are practiced. **Prerequisite:** MGMT 320 or MKTG 330. **Three hours per week.**

490. MANAGEMENT INTERNSHIP 3 hours credit

Intern experience in management. May substitute for a management major elective if approved by the school dean. **Prerequisites:** Junior status, management major, placement approval and permission of the department chair, completion of ABLE administrative requirements, admission to Professional Program, successful completion of BUAD 300.

491. ADVANCED MANAGEMENT INTERNSHIP 1-3 hours credit

Research associated with an internship experience in management. **Prerequisite:** MGMT 490 or completion of ABLE requirement, placement approval and permission of the department chair, completion of ABLE administrative requirements. **One to three hours per week.**

492. STRATEGIC MANAGEMENT 3 hours credit

Seminar in strategic business decision making. Emphasizes evaluating and integrating appropriate marketing, financial and management information. **Prerequisites:** C or better in FINA 311, INFO 326, MGMT 320, MKTG 330; business/business economics/accounting/information systems/ international business/finance/management/marketing major in their last semester before graduation. (C or better required for graduation.) **Three hours per week.**

494. DIRECTED STUDY 1-3 hours credit

For students who desire to research or pursue a special topic in management. May be used as a management elective if approved by the chair of the Management and Marketing Department. **Prerequisites:** Junior status and permission of instructor prior to registration. **One to three hours per week.**

550. GRADUATE SURVEY OF MANAGEMENT 3 hours credit

Study of the interrelationship of various management functions: principles of general management, production management, information systems and management of international operations. Introduces various schools of management, modern organizational theories and the elements of decision-making. M.B.A. leveling course. **Prerequisite:** Provisional status in M.B.A. program. **Three hours per week.**

620. ORGANIZATIONAL THEORY 3 hours credit

Development of a framework for understanding the modern business enterprise. Includes a review of management thought and organizational theory, the functions of management and recent trends in management theory and practice in the U.S. and abroad. The contributions of behavioral science, management science, systems theory, contingency theory and other relevant theories are examined. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

624. HIGH-PERFORMANCE WORK SYSTEMS 3 hours credit

Focuses on the leadership needed to develop the human support systems required for high-performing organizations for the world market during rapid environmental changes. In specific, focus on how to recruit, select, hire, develop, compensate, retain, motivate and lead people capable of rapid changes and responses in a dynamic environment. Such individuals are essential for high-performing organizations in a

rapidly changing and highly competitive global marketplace. **Prerequisites:** Admission to the M.B.A. program. **Six hours per week for half a semester.**

625. ORGANIZATIONAL BEHAVIOR SEMINAR 3 hours credit

Study of individual and group behavior in organizational structures to understand the interaction of managers with other members of the organization. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

628. MANAGING STRATEGICALLY 3 hours credit

A capstone to the formal business program that provides an internal thought process for continuing an informal business education. Analyze any given situation and its ethical implications, separate facts from opinion and use thoughtful evaluation, including consideration of the interdependence between the organization and its environment. Utilize previous course work in a useful and congruent pattern for strategic thinking in a global business context. **Prerequisites:** Admission to the M.B.A. program. Course must be taken in the final spring semester of the student's M.B.A. requirements. **Six hours per week for half a semester.**

635. EXTERNAL ENVIRONMENT OF THE ORGANIZATION 3 HOURS CREDIT

Study of how external environment influences organizational strategy and how business influences society. Topics include ethics, legal environment, corporate governance, corporate social responsibility, government-business relationships, consumerism, globalization and human capital. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

665. ENTREPRENEURSHIP 3 hours credit

Analyzes organized and systematic entrepreneurship in new enterprises, established large enterprises and nonbusiness institutions. Emphasis is on applying concepts and techniques from the functional areas of business to the new venture development environment in independent and corporate settings. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

680. CORPORATE STRATEGIC PLANNING AND POLICY 3 HOURS CREDIT

Capstone course focusing on critical issues affecting the success of the total enterprise in domestic and multinational environments. Emphasis on the functions, responsibilities and ethical values of top managers as they determine the direction of the organization and shape its future. Strategy is the unifying theme in case discussions. **Prerequisite:** Completion of 12 semester hours at the 600 level in SU's M.B.A. program, including either ACCT 640, 650 or FINA 650. To be taken in the final semester before graduation. **Three hours per week.**

685. INTERNATIONAL MANAGEMENT SEMINAR 3 hours credit

Study of international aspects of business management and the environment of international business. Topics selected from environmental factors (e.g., cultural, legal, political) and the major aspects of managing business operations in the global environment (e.g., organizational behavior, human resource management and strategic management). **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

MARKETING (MKTG)

330. PRINCIPLES OF MARKETING MANAGEMENT 3 hours credit

Survey of basic marketing concepts and principles from a managerial perspective. Topics include the marketing concept, environment and demand analysis, marketing mix (product, price distribution and promotion) and an introduction to marketing strategy and international marketing. **Major Prerequisite:** Admission to Professional Program. **Non-Major Prerequisites:** Completion of 56 credit hours of college courses and ECON 150 or 211 or 212 with a C or better. **Three hours per week.**

331. ADVERTISING AND PROMOTION 3 hours credit

Managerial overview of advertising and sales promotion as they relate to economic and social systems. Topics include promotional planning, research, media selection, creative implementation, retail, business/professional and consumer advertising. **Prerequisite:** MKTG 330. **Three hours per week.**

332. CONSUMER BEHAVIOR 3 hours credit

Examination of the buyer (individual consumer and organizational agent) as problem solver. Topics include buying decision processes and social, psychological, anthropological and economic factors that influence behavior in the marketplace. Examines principles, theories, models and research techniques related to purchasing behavior. **Prerequisite:** MKTG 330. **Three hours per week.**

334. PRINCIPLES OF RETAILING 3 hours credit

Evaluation of retailing in our economy with emphasis on change in a dynamic environment. Topics such as structure, organization, merchandising, planning policy, inventory, pricing, record keeping, communication, personnel and location are reviewed, discussed and analyzed. **Prerequisite:** MKTG 330. **Three hours per week.**

335. MARKETING RESEARCH 3 hours credit

Collection and analysis of marketing data viewed in context of identifying the market demand (methods of decision making for marketing management). Topics include Bayesian decision theory, sampling techniques, and regression and correlation analysis. May not receive credit for both MKTG 438 and 335. **Prerequisites:** INFO 281, MKTG 330. **Three hours per week.**

336. DIRECT AND INTERACTIVE MARKETING 3 hours credit

Explore direct response marketing that uses traditional and emerging tools to plan, execute and measure customer engagement and interaction. Utilizing case studies and applied learning techniques, explore and develop customer communications for direct response engagement tools such as direct mail, text, e-mail and a variety of social media platforms. **Prerequisites:** MKTG 330. **Three hours per week.**

337. PROFESSIONAL SELLING 3 hours credit

Introduces the principles of selling in a business-to-business environment. Covers topics such as customer analysis, prospecting, effective sales approach and opening, adaptive presentations, handling objections, techniques for closing sales, and relationship building. Deals with the ethical, legal and social responsibilities of salespersons. Uses sales exercises, individual presentations and simulated role plays to teach various components of the selling process. **Prerequisite:** MKTG 330. **Three hours per week.**

338. SPECIAL TOPICS IN MARKETING 3 hours credit

Advanced study of varying marketing topics based on students' interests and needs. May be repeated once for credit under different subtitles. May substitute for a marketing major elective depending on the topic (see director of undergraduate studies). **Major Prerequisites:** Varies by topics, admission to Professional Program. **Non-Major Prerequisites:** Varies by topics, junior standing. **Three hours per week.**

401. BUSINESS MARKETING 3 hours credit

Study of concepts, techniques and problems in organizational marketing. Topics include organizational buying process, buyer-seller relationships, business market segmentation, market planning, sales forecasting and design of marketing mix strategies. Considers a variety of business marketing situations. **Prerequisite:** MKTG 330. **Three hours per week.**

406. ADVANCED DIRECT AND INTERACTIVE MARKETING 3 hours credit

An in-depth exploration of direct response marketing that focuses on emerging technologies and social media. Employing applied learning techniques and using analytic tools, learn to track, measure and evaluate the quantity and quality of customer interaction. Focus on a personal (brand) presence in the online world. **Prerequisites:** MKTG 336 and permission of instructor. **Three hours per week.**

407. SALES MANAGEMENT 3 hours credit

Focuses on helping students understand the issues facing a first-line sales manager. Covers responsibilities and functions of the sales manager, including hiring, selection and training, supervising, motivating, and rewarding the sales force. Related topics include evaluating sales organizational structures, developing compensation plans, developing sales forecasts and setting sales quotas and territories, and sales cost analysis. **Prerequisite:** MKTG 337. **Three hours per week.**

410. ADVANCED PROFESSIONAL SELLING 3 hours credit

Builds on the skills learned in the Professional Selling class. Master the selling process using multiple role plays. Features an experiential component introducing real-life selling processes and practices. Other concepts introduced include team selling, selling with technology, written sales and proposals. Gain an introduction to career management and other personal development activities. **Prerequisite:** MKTG 337. **Three hours per week.**

423. INTERNATIONAL MARKETING 3 hours credit

Study of the decision-making process in marketing products and services across national boundaries. Examination of the design and modification of marketing strategies. Identification of potential markets with consideration of product, price, promotion and distribution decisions within the restraints of a particular cultural, economic and political setting. **Prerequisite:** MKTG 330. **Three hours per week.**

430. MARKETING MANAGEMENT STRATEGY 3 hours credit

Comprehensive managerial analysis of the marketing function. Emphasis on strategic planning and implementation and control of marketing mix activity. Students apply overall knowledge to analyze and propose solutions to marketing problems/opportunities. **Prerequisites:** Senior status, MKTG 330, six additional hours of marketing electives. **Three hours per week.**

439. SENIOR MARKETING SEMINAR 3 hours credit

Students address contemporary marketing issues and prac-

tice marketing management by using an experimental approach to assess the marketing plans and programs of marketing organizations. **Prerequisites:** Senior status, MKTG 335 or 430. **Three hours per week.**

490. MARKETING INTERNSHIP 3 hours credit

Intern experience in marketing. May substitute for a marketing major elective if approved by the school dean. **Prerequisites:** Junior status, marketing major, placement approval and permission of the department chair, completion of ABLE administrative requirements, admission to Professional Program, successful completion of BUAD 300. **One to three hours per week.**

491. ADVANCED MARKETING INTERNSHIP 1-3 hours credit

Research associated with an internship experience in marketing. **Prerequisite:** MKTG 490 or completion of ABLE requirement, placement approval and permission of the department chair, completion of ABLE administrative requirements. **Prerequisite/Corequisite:** MKTG 490.

494. DIRECTED STUDY 1-3 hours credit

For students who desire to research or pursue a special topic in marketing. May be used as a marketing elective if approved by the chair of the Management and Marketing Department. **Prerequisites:** Junior status and permission of instructor prior to registration. **One to three hours per week.**

560. GRADUATE SURVEY OF MARKETING 3 hours credit

Examination of markets and marketing functions responding to a dynamic environment. An overview of domestic and international marketing functions and institutions adapting to social, economic, legal and technical change. Special emphasis will be placed on the ramifications of consumerism and regulation of marketing activities. M.B.A. leveling course. **Prerequisite:** Provisional status in M.B.A. program. **Three hours per week.**

614. STRATEGIC MARKETING APPLICATIONS 3 hours credit

Examines the role of marketing strategy within the overall strategic framework of the organization; how to gather information, perform in-depth analyses, and make and present strategic marketing management decisions in a global environment; and strategies for dealing with change, uncertainty, conflict, limited information, time pressures, and other common hurdles and obstacles to quick and effective decision making. **Prerequisites:** Admission to the M.B.A. program. **Six hours per week for half a semester.**

660. MARKETING STRATEGY 3 hours credit

Study of classic and contemporary marketing strategies for both profit and nonprofit organizations. Considers the organizational-environmental interface as a shaping factor in planning and implementing the marketing mix. Emphasis placed on planning in dynamic domestic and international environments. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

661. CONSUMER AND BUYER BEHAVIOR 3 hours credit

Studies the process of customer decision-making, consumption and post-consumption activities. Both internal and external influences on those processes are examined to provide an overall foundation of buyer behavior. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

662. PROMOTIONAL STRATEGY 3 hours credit

Examines the development of promotional strategy.

Advertising, sales promotion, personal selling and publicity are explored. Emphasis on planning, designing and implementing promotional strategies. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

663. BUSINESS INTELLIGENCE/ANALYTICAL CUSTOMER RELATIONSHIP MANAGEMENT (CRM)
3 hours credit

Explores Customer Relationship Management (CRM) as an emergent marketing and firm-to-customer business strategy based on a deep understanding of customer value. Data-mining techniques are demonstrated using SAP Business Warehouse to identify and optimize the relationship between business and customers in both domestic and international markets. Topics include the managerial and ethical challenges involved in implementing enterprise-wide CRM technology. **Prerequisite:** Admission to M.B.A. program. **Six hours per week for half a semester.**

685. INTERNATIONAL MARKETING SEMINAR
3 hours credit

Study of international aspects of marketing management and the environment of international marketing. Topics selected from international finance, international trade, environmental factors (e.g., cultural, legal, political) and the major aspects of marketing management operations in the global environment (e.g., combining application-oriented analyses requiring the utilization of various marketing management concepts). **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

MATHEMATICS (MATH)

Three units of high school mathematics (including Algebra II and geometry) or college algebra is a prerequisite for all math courses.

105. LIBERAL ARTS MATHEMATICS
4 hours credit

Study of the beauty and structure of mathematics, with emphasis on quantitative and analytical reasoning skills. Various areas of mathematics or its applications will be used as a vehicle for this study. Designed for students whose major area of study does not have specific requirements in mathematics. May not receive credit for both MATH 190 and 200. **Prerequisites:** Three years of high school mathematics including geometry or college-level intermediate algebra. **Four hours per week. Meets General Education IVB or IVC.**

130. FUNDAMENTAL CONCEPTS I
3 hours credit

Provides a thorough understanding of the mathematical concepts covered in grades one through eight. Moves through the mathematical content into the ability to explain the mathematical ideas and relationships. Emphasizes the ability to explain the concepts in everyday language appropriate for the listener, using correct vocabulary, and the ability to demonstrate these ideas using physical models and/or activities. Use of technology is required. Includes non-routine problem solving. May not receive credit for both MATH 103 and MATH 130. **Prerequisite:** Declared elementary education or early childhood education major. **Three hours per week. Does not meet General Education requirements.**

135. COLLEGE ALGEBRA: A MODELING APPROACH
3 hours credit

A modeling approach to algebraic topics used in problem solving. Topics include equations and functions; polynomial, exponential and logarithmic functions; graphing and data analysis/modeling. Emphasis on skill development, problem solving, critical thinking, working in teams, use of graphing calculators and communicating effectively. Credit may not be

received for more than one of the following: MATH 100, 135, 140. **Prerequisites:** High school Algebra I and II. **Three hours per week. Meets General Education IVB or IVC.**

140. COLLEGE ALGEBRA AND TRIGONOMETRY
4 hours credit

Applications-oriented college algebra and trigonometry course for students planning to study science or additional mathematics. Emphasizes computational, qualitative, visual and symbolic approaches. Topics include functions and graphs; exponential, logarithmic and trigonometric functions; and difference equations. Credit may not be received for more than one of the following: MATH 100, 102, 118, 122, 135, 140. **Prerequisites:** High school Algebra II and plane geometry. **Four hours per week. Meets General Education IVB or IVC.**

144. ENVIRONMENTAL MATHEMATICS
3 hours credit

Systems approach to environmental concepts and problems. A principal tool is the Odum diagrammatic systems language, translated into flow equations which are then implemented by computer models. **Prerequisites:** High school Algebra II and plane geometry. **Three hours per week. Meets General Education IVB or IVC.**

150. DATA AND PROBABILITY CONNECTIONS
3 hours credit

Provides prospective teachers with a conceptual understanding of statistics and probability. Includes concepts for which elementary curricula lay a foundation, bivariate data analysis, conditional probability, formal inference, relevant educational software and guidelines for teaching statistics as set forth by the American Statistical Association and the National Council of Teachers of Mathematics. May not receive credit for more than one: MATH 150, 151, 155 or 213. **Prerequisite or Corequisite:** C or better or concurrent enrollment in MATH 130. **Three hours per week. Meets General Education IVB or IVC.**

155. MODERN STATISTICS WITH COMPUTER ANALYSIS
3 hours credit

Descriptive and inferential analysis of raw data, emphasizing appropriate assumptions, computer use and interpretation. Consideration of parametric and nonparametric methods and comparison of their powers. Intended for students in the social and natural sciences. May not receive credit for more than one: MATH 150, 151, 155 or 213. **Prerequisites:** High school Algebra II and plane geometry. **Three hours per week. Meets General Education IVB or IVC.**

160. INTRODUCTION TO APPLIED CALCULUS
3 hours credit

Introductory study of differential and integral calculus with emphasis on techniques and applications. For students in the biological, management, social and behavioral sciences. **Prerequisites:** High school Algebra II and plane geometry. **Three hours per week. Meets General Education IVB or IVC.**

198. CALCULUS FOR BIOLOGY AND MEDICINE
4 hours credit

Introduction to analytic geometry, limits, continuity, derivatives of elementary functions, applications of derivatives and antiderivatives in a biological context. May not receive credit for both MATH 198 and MATH 201. **Prerequisite:** C or better in MATH 140 or equivalent. **Four hours per week. Meets General Education IVB or IVC.**

201. CALCULUS I
4 hours credit

Introduction to analytic geometry, limits, continuity, derivatives of elementary functions and applications of the derivative. May not receive credit for both MATH 198 and MATH

201. **Prerequisite:** C or better in MATH 140 or equivalent. **Four hours per week. Meets General Education IVB or IVC.**

202. CALCULUS II
4 hours credit

Introduction to integrals, infinite series, applications and techniques of integration. **Prerequisite:** C or better in MATH 198 or MATH 201 or equivalent. **Four hours per week. Meets General Education IVB or IVC.**

210. INTRODUCTION TO DISCRETE MATHEMATICS
4 hours credit

Introduction to basic techniques and modes of reasoning for discrete problem solving. Set theory, recurrence relations, counting, graphs and lattice number theory. **Prerequisite:** C or better in MATH 140 or equivalent. **Four hours per week. Meets General Education IVB or IVC.**

213. STATISTICAL THINKING
3 hours credit

Descriptive and inferential analysis of data, emphasizing appropriate assumptions, computer use and interpretation. Parametric and non parametric methods will be compared and contrasted throughout the course. May not receive credit for more than one: MATH 150, 151, 155 or 213. Concurrent registration with MATH 214 is required. **Prerequisites or Corequisites:** C or better in MATH 214 and 160 or 201. **Three hours per week.**

214. STATISTICS LABORATORY
1 hour credit

Laboratory activities to reinforce topics covered in MATH 213. Must be taken during the same semester that students register for MATH 213. Students having completed MATH 155 or equivalent may also take MATH 214. **Prerequisite or Corequisite:** C or better in MATH 213 or MATH 155. **Two hours per week.**

215. INTRODUCTION TO FINANCIAL MATHEMATICS
4 hours credit

Introduction to basic financial mathematics focusing on equivalent rates of interest and their use in discounted cashflow analysis. Topics include annuities, loans, projects, bonds, duration and convexity, the yield curve, and the fundamentals of financial derivatives such as European call and put options. **Prerequisite:** C or better in MATH 160 or equivalent. **Four hours per week. Meets General Education IVB or IVC.**

230. FUNDAMENTAL CONCEPTS II
3 hours credit

Continuation of the process begun in MATH 130 of preparing prospective elementary school teachers to teach mathematics. Like MATH 130, it fosters a thorough understanding of fundamental mathematics and emphasizes the ability to communicate this. May not receive credit for both MATH 104 and 230. **Prerequisite:** C or better in MATH 130. **Three hours per week. Meets General Education IVB or IVC.**

300. INTRODUCTION TO ABSTRACT MATHEMATICS
3 hours credit

Designed for students majoring and minoring in mathematics. Students experience the power of mathematical thought and develop facility with mathematical expression, both written and oral. Assignments make use of both inductive and deductive reasoning. **Prerequisite:** C or better in MATH 210 or equivalent. **Three hours per week.**

306. LINEAR ALGEBRA
4 hours credit

Basic concepts of linear algebra: linear equations and matrices, vector spaces and subspaces, similar matrices, basis and dimension, linear transformations, eigenvalues, determinants, orthogonality, coordinate systems, and applications to geometry. **Prerequisite:** C or better in MATH 202. **Four hours per week.**

310. CALCULUS III
4 hours credit

Arc length, indeterminate forms, Euclidean spaces, functions of several variables, partial differentiation, multiple integrals. **Prerequisite:** C or better in MATH 202. **Four hours per week.**

311. DIFFERENTIAL EQUATIONS I
4 hours credit

Solutions of first and second order equations and their applications: separable, exact, homogeneous, linear. Numerical and series solutions of ordinary and partial differential equations. **Prerequisite:** C or better in MATH 202. **Four hours per week.**

313. SURVEY DESIGN AND SAMPLING
3 hours credit

Peculiarities of sampling and inference commonly encountered in business, the social sciences and natural resources management. Methods for selecting the sample from an existing population and ways for circumventing various difficulties. **Prerequisite:** C or better in MATH 151 or 155 or 213 or 314. **Three hours per week. Meets General Education IVB or IVC.**

314. INTERMEDIATE APPLIED STATISTICS
3 hours credit

Optimal allocation of sampling units to treatments in order to provide the highest accuracy and lowest cost. Designs compared and contrasted for advantages and disadvantages. Introduces standard computer packages (SPSS, BMD, Minitab, etc.). **Prerequisite:** C or better in MATH 151 or 155 or 213. **Three hours per week. Meets General Education IVB or IVC.**

380. INTERNSHIP
3 hours credit

Students work under supervisors in a local firm or public institution in conjunction with an advisor from the math department. Cross-listed with COSC 380. MATH/COSC 380 may be taken twice for a maximum of six credits, but used only once toward a major in mathematics or computer science. **Prerequisite:** Approval of department chair. **Eight to 10 hours per week. (P/F)**

385. DIRECTED STUDY
1-4 hours credit

For students who desire to pursue a special topic in mathematics not covered in the current curriculum. Under most circumstances students will take this course for three credit hours. This course may be repeated under different subtitles, but only a total of four credit hours from MATH 385 and/or COSC 385 may be used toward a major or minor. **Prerequisite:** Permission of the instructor and the chair of the Department of Mathematics and Computer Science. **One to four hours per week.**

390. UNDERGRADUATE RESEARCH PROJECT
1-3 hours credit

Offers study of some area of the mathematical sciences in more depth than is possible in the usual classroom setting. Students work on a project under the direction of faculty members. **Prerequisite:** Approval of research committee and department chair. **(P/F)**

402. THEORY OF NUMBERS
3 hours credit

Basic concepts: integers, prime numbers, divisibility, congruencies and residues. **Prerequisite:** C or better in MATH 210 or 306 (both recommended). **Three hours per week. Meets General Education IVB or IVC.**

406. GEOMETRIC STRUCTURES
3 hours credit

Axiomatic development of incidence, ordered incidence,

affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. **Prerequisite:** C or better in MATH 210. **Three hours per week. Meets General Education IVB or IVC.**

411. DESIGN AND ANALYSIS OF EXPERIMENTS

3 hours credit

Introduction to ideas of planning and designing statistical experiments involving data collection. Study of various statistical analyses for these designs. Discussion of optimal allocation of sampling units to treatments in order to provide the highest accuracy and lowest cost. Use standard statistical software packages such as Minitab and SPSS. **Prerequisite:** C or better in MATH 155 or 213, or permission of department. **Three hours per week.**

413. MATHEMATICAL STATISTICS I

3 hours credit

Axioms and algebra of probability, discrete and continuous random variables, multivariate distributions, limit theorems. **Prerequisites:** C or better in MATH 213, 310. **Three hours per week.**

414. MATHEMATICAL STATISTICS II

3 hours credit

Methods of estimating, properties of estimator, hypothesis testing, linear models, least squares, analysis of variance, enumerative data, nonparametric statistics. **Prerequisite:** C or better in MATH 413. **Three hours per week.**

415. ACTUARIAL AND FINANCIAL METHODS

4 hours credit

Introduction to models of survival, individual life insurance and life annuities emphasizing the traditional actuarial functions of determining premiums and reserves from a stochastic point of view. Topics include multiple life theory, models with expenses, stochastic process, and the use of binomial models, geometric Brownian motion and simulation in the study of option pricing. **Prerequisites:** C or better in MATH 215, 413. **Four hours per week.**

430. MATHEMATICAL CONNECTIONS FOR SECONDARY SCHOOL TEACHERS

4 hours credit

Connection of the undergraduate mathematical curriculum to the secondary mathematics curriculum by examining high school curriculum topics from an advanced and historical perspective. Considers contributions from diverse cultures as students examine the historical development of numbers and number systems, algebra, Euclidean and non-Euclidean geometries, calculus, discrete mathematics, statistics, probability, and measurements. **Prerequisite:** C or better in SCED 373 and either MATH 441 or MATH 451. **Four hours per week.**

441. ABSTRACT ALGEBRA I

3 hours credit

Introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** C or better in MATH 210 or 306 (both recommended). **Three hours per week. Meets General Education IVB or IVC.**

442. ABSTRACT ALGEBRA II

3 hours credit

Modern abstract algebra including such topics as rings, polynomials and fields. Other topics may include algebraic coding, Boolean algebras, symmetry and mathematical crystallography, applications of finite fields to computer science. **Prerequisite:** C or better in MATH 441. **Three hours per week.**

451. ANALYSIS I

3 hours credit

Modern abstract analysis including topology of the real num-

ber system, sequences, continuity and differentiability. **Prerequisites:** C or better in MATH 202, 210. **Three hours per week.**

452. ANALYSIS II

3 hours credit

Modern abstract analysis including such topics as convergence of infinite series, sequences of functions, metric spaces, integration, topology of the real number system and continuity. **Prerequisite:** C or better in MATH 451. **Three hours per week.**

458. COMPLEX ANALYSIS

3 hours credit

Introduction to complex variables accessible to juniors and seniors in mathematics and the physical sciences. Topics will include the algebra of the complex number system, analytic functions, contour integrals, elementary functions, sequences, series and residues. More advanced topics may include conformal mapping, the Schwarz-Christoffel transformation, integral formulas of the Poisson type and Riemann surfaces. **Prerequisites:** C or better in MATH 310 and in either MATH 210 or PHYS 309. **Three hours per week.**

460. OPERATIONS RESEARCH

3 hours credit

Introduction to the fundamental problems of operations research. Topics include mathematical programming, network analysis, simulation, probabilistic decision models, queuing and inventory models. **Prerequisite or Corequisite:** C or better or concurrent enrollment in MATH 306. **Three hours per week.**

465. MATHEMATICAL MODELS AND APPLICATIONS

3 hours credit

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology, business and other fields; finite Markov process; models for growth process. **Prerequisite or Corequisite:** C or better or concurrent enrollment in MATH 306. **Three hours per week.**

471. NUMERICAL METHODS

3 hours credit

Interpolation, functional approximation, numerical differentiation and integration, nonlinear equations, numerical solutions of differential equations, analysis of error. **Prerequisites:** C or better in COSC 117 or 118 or 120 and one of the following: MATH 306 or MATH 310 or PHYS 309. **Three hours per week.**

472. NUMERICAL LINEAR ALGEBRA

3 hours credit

Numerical methods and analysis applied to linear systems. Computer arithmetic and error analysis, direct methods for solving linear systems, iterative techniques in matrix algebra, approximating eigenvalues. **Prerequisites:** C or better in COSC 117, 118 or 120; MATH 202; MATH 306. **Three hours per week.**

475. INTRODUCTION TO DYNAMICS AND CHAOS

3 hours credit

Topics include orbits, bifurcations, Cantor sets and horseshoes, symbolic dynamics, fractal dimensions, notions of stability, flows and chaos. Includes motivation and historical perspectives, as well as examples of fundamental maps studied in dynamics and applications of dynamics. **Prerequisites:** C or better in MATH 202, 210. **Three hours per week.**

480. HISTORY OF MATHEMATICS

3 hours credit

Study of the chronological development of mathematics with emphasis on both the mathematical concepts and the principal contributors to the development of those concepts. **Prerequisite:** C or better in MATH 202 or 210 (both recommended). **Three hours per week.**

482. COMPUTER GRAPHICS

3 hours credit

Generate and manipulate graphic information using the computer. Emphasis on the analysis of fundamental problems associated with these activities and on the structured design of solutions. Cross-listed with COSC 482. May not be taken for credit if student has credit for COSC 482. **Prerequisites:** C or better in COSC 120, MATH 293 or MATH 306. **Three hours per week.**

490. SPECIAL TOPICS

3 hours credit

Enables study in specialized areas such as complex variables, logic, non-Euclidean geometry or other topics suggested by faculty or students. May be taken twice under different titles. **Prerequisites:** Varies by topic but usually C or better in MATH 306, 310. **Three hours per week.**

493. ADVANCED TOPICS IN STATISTICS

3 hours credit

Study in specialized areas of statistics such as time series, stochastic processes, quality control designs and analyses or other topics suggested by faculty or students. May be repeated once under different subtitles. **Prerequisites:** C or better in MATH 213 and permission of instructor. **Three hours per week.**

495. DIRECTED CONSULTING

4 hours credit

Provides teams of 3-12 students with experience in using mathematical and computing tools to solve real-world problems posed by a client organization, such as a research institute, business or industry. Combines individual and group work and requires presentation of a written and oral report to the client organization and the department. Cross-listed with COSC 495. MATH/COSC 495 may be taken twice for a maximum of eight credit hours, but used only once toward a major in mathematics or computer science. **Prerequisite:** Invitation by department chair. **Four hours per week. (P/F)**

500. FOUNDATIONS OF NUMBER THEORY

3 hours credit

Designed for mathematics teachers, with emphasis on the development of the real number system in elementary number theory. Graduate credit only. **Prerequisite:** C or better in a course in college mathematics or permission of instructor, and graduate standing. **Three hours per week.**

501. NUMBER THEORY FROM A MULTICULTURAL AND HISTORICAL PERSPECTIVE

3 hours credit

Designed for middle-school teachers of mathematics, with emphasis on number systems, historical contexts, multicultural contributions to mathematics and middle-school curriculum. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

502. APPLIED STATISTICS

3 hours credit

The use of linear models in the analysis of data, starting with simple models and going to more complex models. Special attention given to the use and abuse of these models by researchers. Graduate credit only. **Prerequisite:** C or better in MATH 151 or 155 or 213. **Three hours per week.**

503. DATA ANALYSIS

3 hours credit

Designed for middle-school teachers of mathematics, with emphasis on the proper collection and analysis of data to draw meaningful conclusions. Descriptive statistics and statistical inference are both included. Explorations will be accomplished using computer software. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

506. SELECTED TOPICS

3 hours credit

Designed for students with a major in mathematics to develop topics in mathematics not included in their undergraduate program, or to extend areas previously studied. Specific topic may be indicated on transcript. May be taken twice under different course subtitles. Graduate credit only. **Prerequisite:** Approval of department chair.

507. SEMINAR: ALGEBRA

3 hours credit

A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. Graduate credit only. **Prerequisite:** Approval of department chair.

508. SEMINAR: GEOMETRY

3 hours credit

A seminar dealing with selected topics from geometry. Topics which support course material in the secondary school curriculum will be included. A seminar paper is required. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

510. MATHEMATICAL REASONING

3 hours credit

Designed for middle-school mathematics teachers and others who want to enhance their capabilities in mathematical reasoning. Selected topics from discrete mathematics, including sets, logic and proof, relations, graphs, recursion and combinatorics, with a special focus on constructing and presenting well-organized arguments and justifications of mathematical statements. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

511. DESIGN AND ANALYSIS OF EXPERIMENTS

3 hours credit

Introduction to ideas of planning and designing statistical experiments involving data collection. Study of various statistical analyses for these designs. Discussion of optimal allocation of sampling units to treatments in order to provide the highest accuracy and lowest cost. Use standard statistical software packages such as Minitab and SPSS. Credit may not be received for both MATH 411 and MATH 511. **Prerequisites:** C or better in MATH 155 or 213, and graduate standing. **Three hours per week.**

512. THEORY OF NUMBERS

3 hours credit

Basic concepts: integers, prime numbers, divisibility, congruencies and residues. Credit may not be received for more than one: MATH 402, MATH 512. **Prerequisites:** C or better in MATH 210 or 306 (both recommended), graduate standing. **Three hours per week.**

513. MATHEMATICAL STATISTICS I

3 hours credit

Axioms and algebra of probability, discrete and continuous random variables, multivariate distributions, limit theorems. Credit may not be received for more than one: MATH 413, 513. **Prerequisites:** C or better in MATH 213, MATH 310, graduate standing required. **Three hours per week.**

514. MATHEMATICAL STATISTICS II

3 hours credit

Methods of estimating, properties of estimator, hypothesis testing, linear models, least squares, analysis of variance, enumerative data, nonparametric statistics. Credit may not be received for more than one: MATH 414, MATH 514. **Prerequisites:** C or better in MATH 413 or 513, and graduate standing required. **Three hours per week.**

515. MATHEMATICAL MODELS AND APPLICATIONS

3 hours credit

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology,

business and other fields; finite Markov process; models for growth process. Credit may not be received for more than one: MATH 465, MATH 515. **Prerequisites or Corequisites:** C or better or concurrent enrollment in MATH 306, and graduate standing. **Three hours per week.**

516. GEOMETRIC STRUCTURES

3 hours credit

Axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. Credit may not be received for more than one: MATH 406, MATH 516. **Prerequisites:** C or better in MATH 210, graduate standing. **Three hours per week.**

520. MIDDLE-SCHOOL MATHEMATICS IN A TEACHING CONTEXT WITH INSTRUCTIONAL TECHNOLOGY

3 hours credit

Designed for middle-school teachers of mathematics, with emphasis on experimentation with instructional technology and the creation of middle-school curriculum that incorporates mathematical understandings developed in other graduate courses. **Prerequisite:** Graduate standing. **Three hours per week.**

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in a master's program under departmental supervision. Graduate credit only. **Prerequisite:** Graduate standing.

531. MATHEMATICAL CONNECTIONS FOR SECONDARY SCHOOL TEACHERS

4 hours credit

Connects the undergraduate mathematical curriculum to the secondary mathematics curriculum by examining high school curriculum topics from an advanced and historical perspective with the goal of deepening understanding of mathematics required for teaching in secondary schools. Considers contributions from diverse cultures in the examination of historical development of numbers and number systems, algebra, Euclidean and non-Euclidean geometries, calculus, discrete mathematics, statistics, probability, and measurements. **Prerequisite:** Mathematics teaching experience. **Four hours per week.**

541. CONCEPTUAL ALGEBRA FOR TEACHERS

3 hours credit per week

Designed for middle-school mathematics teachers or those who wish to teach middle-school mathematics. Emphasis on conceptual aspects of algebra and the meanings that underlie it. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

551. ANALYSIS I

3 hours credit

Modern abstract analysis including topology of the real number system, sequences, continuity and differentiability. **Prerequisites:** C or better in MATH 202, 210, graduate standing required. Credit may not be received for more than one: MATH 451, MATH 551. **Three hours per week.**

552. ANALYSIS II

3 hours credit

Modern abstract analysis including such topics as convergence of infinite series, sequences of functions, metric spaces, integration, topology of the real number system and continuity. Credit may not be received for more than one: MATH 452, MATH 552. **Prerequisites:** C or better in MATH 451 or 551, and graduate standing required. **Three hours per week.**

555. CARTESIAN TRIAD

3 hours credit

Designed for middle-school teachers of mathematics, with

emphasis on the coordinate geometry of the Euclidean plane. Topics include functions, equations and inequalities, limit concepts and matrices. Hands-on exploration with computer software is included in the course. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

558. COMPLEX ANALYSIS

3 hours credit

Introduction to complex variables accessible to juniors and seniors in mathematics and the physical sciences. Topics will include the algebra of the complex number system, analytic functions, contour integrals, elementary functions, sequences, series and residues. More advanced topics may include conformal mapping, the Schwarz-Christoffel transformation, integral formulas of the Poisson type and Riemann surfaces. **Prerequisites:** C or better in MATH 310 and MATH 210 or PHYS 309. **Three hours per week.**

560. OPERATIONS RESEARCH

3 hours credit

Introduction to the fundamental problems of operations research. Topics include mathematical programming, network analysis, simulation, probabilistic decision models, queuing and inventory models. Credit may not be received for more than one: MATH 460, MATH 560. **Prerequisite or Corequisites:** C or better or concurrent enrollment in MATH 306, graduate standing. **Three hours per week.**

561. ABSTRACT ALGEBRA I

3 hours credit

Introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. Credit may not be received for more than one: MATH 441, MATH 561. **Prerequisites:** C or better in MATH 210 or 306 (both recommended), and graduate standing. **Three hours per week.**

562. ABSTRACT ALGEBRA II

3 hours credit

Modern abstract algebra including such topics as rings, polynomials and fields. Other topics may include algebraic coding, Boolean algebras, symmetry and mathematical crystallography, applications of finite fields to computer science. Credit may not be received for more than one: MATH 442, MATH 562. **Prerequisites:** C or better in MATH 441 or 561, and graduate standing. **Three hours per week.**

565. MATHEMATICAL MODELING FOR MIDDLE-SCHOOL TEACHERS

3 hours credit

Designed for middle-school teachers of mathematics, with emphasis on expressing mathematical relationships found in the real world. The models studied will vary. Examples of technology to support the course include spreadsheets, simulation packages, graphing calculators and electronic devices to gather for laboratory exercises. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

566. GEOMETRY: FROM EUCLID TO MODERN DAY

3 hours credit

Designed for middle-school teachers of mathematics. Topics include axiomatic formulations, Euclidean and non-Euclidean geometry, spirals, symmetry, coordinate geometry, graphs, networks, fractals and geometry in art. Graduate credit only. **Prerequisite:** Graduate standing. **Three hours per week.**

571. NUMERICAL METHODS

3 hours credit

Interpolation, functional approximation, numerical differentiation and integration, nonlinear equations, numerical solutions of differential equations, analysis of error. May not receive credit for both MATH 471 and MATH 571. **Prerequisites:** C or better in COSC 117 or 118 or 120 and one of the following: MATH 306 or MATH 310 or PHYS 309, and graduate standing. **Three hours per week.**

575. INTRODUCTION TO DYNAMICS AND CHAOS

3 hours credit

Introduction to mathematical dynamics and chaos. Topics include orbits, bifurcations, Cantor sets and horseshoes, symbolic dynamics, fractal dimension, notions of stability, flows and chaos. Includes motivation and historical perspectives, as well as examples of fundamental maps studied in dynamics and applications of dynamics. Credit may not be received for more than one: MATH 475, MATH 575. **Prerequisites:** C or better in MATH 202 or 210, and graduate standing. **Three hours per week.**

580. HISTORY OF MATHEMATICS

3 hours credit

Study of the chronological development of mathematics with emphasis on both the mathematical concepts and the principal contributors to the development of those concepts. Credit may not be received for more than one: MATH 480, MATH 580. **Prerequisites:** C or better in MATH 202 or 210 (both recommended), and graduate standing. **Three hours per week.**

582. COMPUTER GRAPHICS

3 hours credit

Generate and manipulate graphic information using the computer. Emphasis on the analysis of fundamental problems associated with these activities and on the structured design of solutions. Cross-listed with COSC 482/582. Credit may not be received for more than one: COSC 482, COSC 582, MATH 482, MATH 582. **Prerequisites:** C or better in COSC 120, MATH 306, graduate standing required. **Three hours per week.**

590. SPECIAL PROBLEMS IN MATHEMATICS

3 hours credit

Individually designed programs including summer workshops and special seminars. Specific topic indicated on transcript. May be taken twice under different course subtitles. Graduate credit only. **Prerequisite:** Permission of instructor.

593. ADVANCED TOPICS IN STATISTICS

3 hours credit

Study in specialized areas of statistics such as time series, stochastic processes, quality control designs and analyses or other topics suggested by faculty or students. May be repeated once under different subtitles. **Prerequisites:** C or better in MATH 213, permission of instructor, graduate standing. **Three hours per week.**

MEDICAL LABORATORY SCIENCE (MDTC)

101. SAFETY IN THE BIOLOGICAL, CHEMICAL AND CLINICAL LABORATORY

1 hour credit

Review of laboratory safety. Summary of government laws and regulatory bodies and their effect on lab policy. Illustrations of proper procedures for laboratory hazards. Topics include chemicals, infectious microbes, animals, fire, electrical equipment, radiation, glassware and compressed gases. Training in the use of safety equipment, protective clothing and general first aid. Student may not earn credit for both MDTC 101 and BIOL 115. **One hour per week.**

201. MEDICAL PHYSIOLOGY

4 hours credit

Presentation of human physiology at the cell and organ levels to include the nervous, skeletomuscular, cardiovascular, excretory, digestive, respiratory and endocrine systems. Emphasis on normal function and medical relevance. Students may not earn credit for BIOL 214 and MDTC 201. This course will not count for credit in the biology major.

Prerequisite: BIOL 101 or 210 or permission of instructor. **Three hours lecture, two hours laboratory per week.**

300. PRINCIPLES OF MEDICAL LABORATORY SCIENCE

4 hours credit

Introduction to medical laboratory science, including laboratory equipment, microscopy, spectrophotometry, safety, ethics, diagnostic and prognostic use of testing, specimen collection and handling, statistics, quality assurance, quality control and methods comparison, lab math, lab computerization, professional communication methods, and methods in research design/practice with emphasis on evaluation of published laboratory science research. **Prerequisite:** Admission to the major or permission of instructor. **Three hours lecture, three hours laboratory per week.**

301. HEMATOLOGY I

4 hours credit

Hematopoiesis, red blood cell production and destruction, non-neoplastic leukocyte disorders, blood cell metabolism and hemoglobin synthesis. Laboratory focuses on normal/abnormal patient differentiation using CBC, microscopic analysis and clinical correlations. **Prerequisite:** MDTC 300 and 331 or permission of instructor. **Three hours lecture, three hours laboratory per week.**

311. CLINICAL MICROBIOLOGY I

4 hours credit

Study of bacteria causing disease in humans, with emphasis on methods used for isolation and identification of clinically significant organisms. Review of classification, physiology, biochemistry of, and host response to, infectious organisms. **Prerequisites:** BIOL 211, MDTC 300, 331. **Three hours lecture, three hours laboratory per week.**

331. DIAGNOSTIC IMMUNOLOGY

4 hours credit

Basic biology and pathological disorders of the human immune system are reviewed. Presentation and performance of medical laboratory techniques for clinical diagnosis utilizing immunochemical, molecular and automated techniques. **Prerequisites/Corequisite:** MDTC 300 and admission to the major or permission of instructor. **Three hours lecture and three hours laboratory per week.**

341. CLINICAL BIOCHEMISTRY I

5 hours credit

Clinical analytes assayed on a routine basis in the clinical chemistry laboratory. Normal physiology and change of analyte in disease are presented related to carbohydrate, protein and mineral metabolism, liver, cardiac and pancreatic function, enzymology, electrolyte and acid-base balance; blood gases; body fluid analysis; and evaluation of kidney function via chemical and microscopic methods. **Prerequisites:** MDTC 300 and 331 or permission of instructor. **Four hours lecture, three hours laboratory per week.**

401. HEMATOLOGY II

4 hours credit

Lymphomas, leukemias, myeloproliferative and myelo-dysplastic syndromes, plasma cell dyscrasias, special hematology procedures and hemostasis. Topics include cytochemical staining, coagulation assays, bleeding disorders, body fluid analysis and quality control. **Prerequisite:** MDTC 301 or permission of instructor. **Three hours lecture, three hours laboratory per week.**

402. HEMATOLOGY III

3 hours credit

Advanced instruction and laboratory experience in hematology and coagulation. Lecture and laboratory conducted in a clinical laboratory under the supervision of registered laboratory scientists. Students apply knowledge of prerequisite coursework to the daily operation of the hematology laboratory.

ry. **Prerequisite:** MDTC 401 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

403. URINE AND BODY FLUID ANALYSIS 1 hour credit

Advanced study of the physical, chemical and microscopic analysis of urine and body fluids under the supervision of registered laboratory scientists in a clinical setting. Students apply knowledge of prerequisite coursework to daily operation to include instrumentation, quality assurance and significance of normal and abnormal results. **Prerequisite:** MDTC 341 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

411. CLINICAL MICROBIOLOGY II 4 hours credit

Study of human bacterial, viral, fungal and parasitic pathogens. Emphasis on body sites where these pathogens cause disease, antibiotic susceptibility testing, and on microscopic, biochemical, automated and molecular methods utilized to identify them. **Prerequisite:** MDTC 311 or permission of instructor. **Three hours lecture, three hours laboratory per week.**

412. CLINICAL MICROBIOLOGY III 3 hours credit

Advanced study of clinical microbiology conducted in a clinical setting under the supervision of registered laboratory scientists. Students apply knowledge of prerequisite courses to the operation of automated equipment, processing and interpretation of routine, fungal and mycobacterial cultures, antimicrobial susceptibility testing, virology, parasitology specimens and quality control. **Prerequisite:** MDTC 411 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

413. CLINICAL IMMUNOLOGY 1 hour credit

Advanced study of diagnostic immunology in a clinical setting under the supervision of registered laboratory scientists. Students apply knowledge of prerequisite coursework to problems of instrumentation, quality assurance and significance of normal and abnormal results. **Prerequisites:** MDTC 331, 411 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

431. INTRODUCTION TO TRANSFUSION SERVICES 3 hours credit

Lecture and laboratory related to the study of blood group antigens, antibodies and transfusion therapy. Topics include antigen typing, atypical antibody identification, donor screening and phlebotomy, component preparation and therapy, cell metabolism and preservation, HLA typing and paternity testing, quality control, hazards of transfusion and medicolegal issues. **Prerequisites:** MDTC 301, 331 or permission of instructor. **Two hours lecture, three hours laboratory per week.**

432. CLINICAL PRACTICE IN TRANSFUSION SERVICES 3 hours credit

Advanced instruction and laboratory experience in immunohematology. Lecture and laboratory conducted in a transfusion service under the supervision of registered laboratory scientists. Students apply knowledge of prerequisite coursework to the daily operation of a transfusion service laboratory including component therapy, cellular antigen and antibody identification and compatibility testing, transfusion risks, and quality control. **Prerequisite:** MDTC 431 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

441. CLINICAL BIOCHEMISTRY II 4 hours credit

Advanced clinical chemistry topics including immunochemistry, radioactivity, chromatography, toxicology, therapeutic

drug monitoring, quality control and method evaluation. Emphasis related to human endocrinology, gastric and muscle function, genetic defects, vitamin and lipid metabolism. **Prerequisite:** MDTC 341 or permission of instructor. **Three hours lecture, three hours laboratory per week.**

442. AUTOMATED CLINICAL CHEMISTRY 2 hours credit

Advanced study of clinical chemistry and computer operations in a clinical setting under the supervision of registered laboratory scientists. Students apply knowledge from prerequisite courses to the operation of automated and manual equipment, troubleshooting, assessment of normal and abnormal values as related to routine analyte pathology, assurance of accuracy and precision of laboratory data. **Prerequisites:** MDTC 341, 441 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

443. SPECIAL CLINICAL CHEMISTRY 3 hours credit

Advanced instruction and laboratory experience in specialized clinical chemistry. Lecture and laboratory conducted in a clinical laboratory under the supervision of registered laboratory scientists. Students apply knowledge of prerequisite coursework to the daily operation of the clinical laboratory to include operation of automated and manual equipment, troubleshooting, assessment of normal and abnormal laboratory data as related to pathology for analytes measured on a non-routine basis. Study of specialized procedures involving endocrinology and therapeutic drug monitoring. **Prerequisites:** MDTC 341, 441 or permission of instructor. **Five hours lecture, 35 hours laboratory per week.**

461. ORGANIZATION AND MANAGEMENT OF THE LABORATORY 2 hours credit

Lecture and practical applications of theories of management and administration to the organization of the clinical laboratory. A unit on education including educational theory, adult education and continuing education. Students prepare written reports on projects concerning these topics throughout the course. Topics include medicolegal issues, impacts of federal regulations on health care, and budget and finance. **Prerequisite:** Senior standing in major or permission of instructor. **Two hours per week.**

470. RESEARCH METHODS IN MEDICAL LABORATORY SCIENCE 1 hour credit

An introduction to methods in research design/practice with emphasis on evaluation of published laboratory science research literature for the purpose of research design, publication and presentation. Should be taken the fall semester prior to MDTC 471. **Prerequisites:** Senior standing in major, permission of instructor. **One hour per week.**

471. CLINICAL SEMINAR 1 hour credit

Capstone experience including case studies, seminars, interdisciplinary lab operations, comprehensive evaluations and phlebotomy competence. **Prerequisite:** Senior standing in major. **Two and one-half hours per week.**

490. INDEPENDENT STUDY 1-3 hours credit

Intensive study in a specific area of medical laboratory science negotiated between student and faculty member. May be taken twice under different course subtitles. **Prerequisite:** Permission of instructor. **Lecture, laboratory hours per week depend on topic.**

MILITARY SCIENCE (MLSC)

105. LEADERSHIP AND PERSONAL DEVELOPMENT 2 hours credit

Introduces personal challenges and competencies that are critical for effective leadership. Learn how the personal development of life skills such as critical thinking, goal setting, time management, stress management and comprehensive fitness relate to leadership and professional development. **Prerequisite:** Enrolled in the Army ROTC program. **Two hours per week.**

106. INTRODUCTION TO LEADERSHIP 3 hours credit

Provides an overview of basic leadership theories and fundamentals. Learn a broad set of leadership theories and those of the U.S. Army with a focus including setting direction, problem solving, listening, presenting briefs, providing feedback and using effective writing skills. Explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on and interactive exercises. **Prerequisite:** Enrolled in the Army ROTC program. **Three hours per week.**

107. LEADERSHIP AND PERSONAL DEVELOPMENT LAB 1 hour credit

The experiential portion of MLSC 105 where students are tested and exposed to leadership within simulated environments. Learn the basic fundamentals in being a member of a team through multiple venues, including drill and ceremony, land navigation, weapons familiarization, basic rifle marksmanship, medical tasks, individual movement techniques, engaging targets, introduction to the orders process, understanding Army acronyms, hand and arm signals, and radio protocol procedures. Learn basic leadership skills and master the fundamentals of being a follower. **Prerequisite:** Enrolled in the Army ROTC program. **Two hours per week.**

108. INTRODUCTION TO LEADERSHIP LAB 1 hour credit

Learn the basic fundamentals in being a member of a team through multiple venues, including drill and ceremony, land navigation, weapons familiarization, basic rifle marksmanship, medical tasks, individual movement techniques, engaging targets, introduction to the orders process, understanding Army acronyms, hand and arm signals, and radio protocol procedures. Learn basic leadership skills and master the fundamentals of being a follower. **Prerequisite:** Enrolled in the Army ROTC program. **Two hours per week.**

205. FOUNDATIONS OF LEADERSHIP I 3 hours credit

Explores the dimensions of creative and innovative leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of Army leadership framework (trait and behavior theories). Practice aspects of personal motivation and team building in the context of planning, executing and assessing team exercises. **Prerequisite:** Enrolled in the Army ROTC program. **Three hours per week.**

206. FOUNDATIONS OF LEADERSHIP II 3 hours credit

Explores the challenges of leading teams in the operational environment. Further study of the theoretical basis of leadership explores the dynamics of adaptive and situational leadership in the context of operations and organizational management. Develop greater self-awareness while assessing personal leadership styles and practicing communication and team-building skills. Practical exercises give insight into the importance and practice of teamwork in real-world scenarios.

Prerequisite: Enrolled in the Army ROTC program. **Three hours per week.**

207. FOUNDATIONS OF LEADERSHIP LAB I 1 hour credit

Become proficient in the basic fundamentals and gain an introduction to leading a small team through multiple venues, including leading drill and ceremony, advanced land navigation, building terrain models, advanced rifle marksmanship, medical skills, movement formations, movement techniques, special teams, writing operations orders, situation reporting, call for fire, and introduction to battle drills. Focus on mentoring freshmen and serve as team leaders. Open to students in MLSC 205. **Prerequisite:** Enrolled in the Army ROTC program. **Two hours per week.**

208. FOUNDATIONS OF LEADERSHIP LAB II 1 hour credit

Become proficient in the basic fundamentals and gain an introduction to leading a small team through multiple venues, including leading drill and ceremony, advanced land navigation, building terrain models, advanced rifle marksmanship, medical skills, movement formations, movement techniques, special teams, writing operations orders, situation reporting, call for fire, and introduction to battle drills. Focus on mentoring freshmen and serve as team leaders. **Prerequisite:** Enrolled in the Army ROTC program. **Two hours per week.**

305. ADAPTIVE TEAM LEADERSHIP 4 hours credit

Study, practice and evaluate adaptive leadership skills through challenging scenarios related to squad tactical operations. Receive systematic and specific feedback on personal leadership attributes and actions through experiential learning achieved in a two-hour laboratory component. Based on feedback, as well as self-evaluations, continue to develop personal leadership and critical thinking abilities. Plan, rehearse and lead basic course cadets through the program of instruction. **Prerequisites:** Enrolled in the Army ROTC program. **Four hours per week.**

306. APPLIED TEAM LEADERSHIP 4 hours credit

Uses increasingly intense situational team leadership challenges to build awareness and skills in leading tactical operations at the small unit level. Focuses on exploring, evaluating and developing skills in decision-making, persuading and motivating team members in the contemporary operating environment. Based on performance evaluations and feedback, continue to develop personal leadership and critical thinking abilities. Plan, rehearse and lead basic course cadets through the program of instruction. **Prerequisite:** Enrolled in the Army ROTC program. **Four hours per week.**

380. LEADERSHIP DEVELOPMENT AND ASSESSMENT 4 hours credit

A 29-day intensive training period in which students are tested in their leadership, military tactics, techniques and procedures, as well as critical thinking abilities. A required course of the U.S. Army ROTC and is conducted during the summer. **Prerequisites:** Enrolled in the Army ROTC program; successful completion of MLSC 305, 306. **Twenty-nine days during the summer.**

405. LEADERSHIP IN A COMPLEX WORLD 4 hours credit

Explores the dynamics of leading in the complex situations of current military operations in support of unified land operations (ULO). Examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of changing aspects of conflict and the range of military operations. Explore aspects of interacting with non-government organizations, civilians on the battlefield and host nation support. Through the lab, take on leadership roles in teaching, training and developing subordinates. Seniors serve as

lab supervisors and are evaluated on their ability to mentor peers and provide appropriate leadership interventions. **Prerequisites:** Enrolled in the Army ROTC program. **Four hours per week.**

406. MISSION COMMAND 4 hours credit

Develops the skills of an adaptive leader capable of developing training plans and managing training programs. Learn the duties and responsibilities of an Army staff officer and apply the Military Decision Making Process, Army Writing Style, and the Army's Training Management and METL Development processes grounded in adult education concepts. Learn to safely conduct training by understanding and employing the Composite Risk Management Process. Learn concepts of resiliency in order to reduce and manage stress that impact organizational effectiveness. Through the lab, take on leadership roles in teaching, training and developing subordinates. Seniors serve as lab supervisors and are evaluated on their ability to mentor subordinates. **Prerequisite:** Enrolled in the Army ROTC program. **Four hours per week.**

MODERN FOREIGN LANGUAGES (MDFL)

101. ELEMENTARY LANGUAGE STUDY I 4 hours credit

Exploration and study of languages not normally in the fixed curriculum. May be repeated once under a different subtitle. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY LANGUAGE STUDY II 4 hours credit

Second semester opportunity for exploration and study of languages not normally offered in the fixed curriculum. May be repeated once under a different subtitle. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

241. THE FRENCH PEOPLE 4 hours credit

Study of contemporary French culture. The uniqueness of French mentality is studied through the language, the traditions and customs of the people. Taught in English. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

245. THE GERMAN PEOPLE 4 hours credit

Cross-cultural approach to the study of the German culture through the language, traditions and the lifestyle of the people. Taught in English. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

246. THE RUSSIAN PEOPLE 4 hours credit

Focus on the people of Russia. Major topics include culture, politics, nationalism, health care, education, religion, ethnic conflict. Provides students with a well rounded view of Russian society as it exists today. Taught in English. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

248. STUDIES IN CONTEMPORARY CULTURES 4 hours credit

Exploration and study of the ways of life and contemporary culture of peoples of the industrialized world not normally studied as a part of the fixed curriculum. May be repeated once under a different subtitle. Taught in English. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

300. STUDIES IN FRENCH LITERATURE IN TRANSLATION

4 hours credit

Study of an author, period, movement, genre or theme. Topic varies semester to semester. Taught in English. May be repeated once with new content and different subtitle. **Prerequisite:** ENGL 103 or permission of department chair. **Three hours per week with enhancement. Meets General Education IB.**

399. INTERNATIONAL FIELD STUDY 1-8 hours credit

On-site study of the geography, history and culture of selected foreign countries. Work in field preceded by pre-tour lectures. May be repeated with new content and different subtitle.

MUSIC (MUED, MUMT, MUSA, MUSC)

MUED

319. TECHNOLOGY IN MUSIC EDUCATION 1 hour credit

Overview of the essential role of music technology in education. Techniques for using music technology in teaching music are explored. **Prerequisite:** Admission to Professional Teacher Education Program or permission of instructor. **Two hours per week.**

MUMT

200. INTRODUCTION TO THE MUSIC BUSINESS AND ENTREPRENEURSHIP

4 hours credit

Designed for music students as well as any student contemplating a career or business venture in the music field. Experience a broad introduction to entrepreneurship and the music industry. Examine a wide range of areas in music business, such as publishing, recording and management, and examine different legal, artistic and financial considerations facing graduates entering the music field today. Learn the skills necessary to think creatively, identify opportunities and assess risks, and acquire basic business skills in order to be successful in the music field. **Three hours per week with enhancement.**

234. BEGINNING AUDIO PRODUCTION 4 hours credit

Covers the basic skills and techniques required for media recording. Emphasis is on studio procedures, microphone techniques and principles of digital recording. **Three hours per week with enhancement.**

300. EAR TRAINING FOR RECORDING ENGINEERS 1 hour credit

Critical listening skills are developed through class demonstration and ear-training exercises. Specific skills include hearing and discriminating frequencies, mixes, etc. while listening musically to various production styles. The ear, the mechanics of hearing and how the brain interprets sound are explored. Critical definition of what constitutes good versus bad sound and how to incorporate the definition into music production are discussed. Deep listening skills are developed. **Prerequisite:** MUSC 311, 312. **Two hours per week.**

354. ADVANCED AUDIO PRODUCTION 4 hours credit

Intensive audio production course designed to expand upon the concepts covered in MUMT 234, focusing on post-production techniques. Relevant topics include automation, quantization, drum replacement, advanced signal processing and

mastering. Edit and mix live recordings, as well as produce studio creations with the intent of contributing to a class compilation CD at the end of the course. **Prerequisite:** MUMT 234. **Three hours per week with enhancement.**

355. TOPICS IN AUDIO PRODUCTION 2 hours credit

Expands upon the concepts covered in MUMT 234 and MUMT 354, focusing on advanced topics in modern music production. Relevant topics include digital signal processing, sound for video and audio mastering. Work with SU Event Technical Services to record Music Department events and edit/mix these recordings for distribution. **Prerequisite:** C or better in MUMT 354. **Three hours per week.**

356. LIVE SOUND PRODUCTION 1 hour credit

Provides an overview of the audio technology required in a live performance setting. Gain hands-on experience in setting-up and operating live sound systems, as well as study-related topics, including gain structure, power handling, system design and live recording. Work with SU Event Technical Services to assist with the audio production at campus events. **Prerequisite:** C or better in MUMT 354. **Two hours per week.**

400. MUSIC ACOUSTICS 3 hours credit

Provides a broad overview of various aspects of acoustics. Musical acoustics is a very unique area of study where both science and music unite. Explore the science of sound and how the ear responds to it. The study of sound generated from various types of musical instruments, the human voice, real world acoustical experiences, electronic-generated sound and their application to musical acoustics are explored. **Prerequisite:** PHYS 121. **Three hours per week.**

495. INTERNSHIP IN MUSIC TECHNOLOGY 4 hours credit

Provides an occupational setting that relates to students' career aspirations in the music technology field. Workplace duties are negotiated with an employer who serves as mentor and supervisor. Provides an outlet for students to gain practical, hands-on experience in a professional setting by applying theoretical, technical and musical skills learned in previous coursework. **Prerequisite:** Senior standing and permission of department. **Four hours per week.**

496. MUSIC TECHNOLOGY PROJECT 3 hours credit

Required of music technology majors in the senior year of the B.A. in music program, but is open to all music majors. Project is intended to be a recording project, electronic music composition, acoustical analysis or other technological exploration. Project is of the student's choice in consultation with a faculty mentor. Students meet weekly with their faculty mentor. Sign up in Music Department office one term in advance. **Prerequisites:** Senior standing, completion of core and permission of instructor. **One hour per week with enhancement.**

MUSA

100. UNIVERSITY CHORALE 1 hour credit

A non-auditioned ensemble of mixed SATB voices which performs a variety of choral literature from all style periods. Sight-reading fluency and small ensemble work are achieved in rehearsals. Some singing ability and understanding of musical notation expected. Fulfills large ensemble requirement for majors. **Three hours per week.**

101. UNIVERSITY BAND 1 hour credit

Non-auditioned ensemble open to all University wind and percussion students who wish to continue their performance experience at the university level. Performances include select athletic events, on-campus functions and special activities. **Two hours per week.**

102. JAZZ ENSEMBLE AND IMPROVISATION 1 hour credit

Study and performance of a variety of jazz styles, including swing, bebop, cool, hard bop, contemporary, blues, fusion and Latin in big band and small and large combo contexts. Study and application of improvisation skills as an integral part of the ensemble experience. Open to all students and community players. Fulfills large ensemble requirement for music major and minor. Performance background, sight-reading skills preferred. **Prerequisite:** Placement audition required. Contact instructor immediately after registration. **Three hours per week.**

103. CHAMBER MUSIC ENSEMBLES 1 hour credit

Study, rehearsal and performance of selected works for small ensembles, both vocal and instrumental (designated by the department for any given semester). Advanced students with prior performing experience and full-time undergraduate students only. **Prerequisites:** Audition, approval of the instructor/department in writing. **Two hours per week.**

104. MUSICAL THEATRE WORKSHOP 1 hour credit

Research, study, rehearse and perform songs (duets, trios, small ensembles and choruses) and scenes from American musical theatre. Study of vocal and audition techniques, performance practice, staging, "characterizing" a song, musical theatre styles and performance etiquette. Open to all students. Fulfills large ensemble requirement for music major and ensemble requirement for music minor. **Prerequisite:** Audition. **Three hours per week.**

105. SYMPHONY ORCHESTRA 1 hour credit

Study and performance of standard orchestral literature and contemporary compositions. Repertoire may also include chamber orchestra/chamber wind literature as well. The orchestra is a full-size symphonic ensemble comprised of students, faculty, professionals and community players. Fulfills large ensemble requirement for music major. **Prerequisite:** Non-string players need permission from instructor. **Three hours per week.**

106. CHAMBER CHOIR 1 hour credit

Selected choral ensemble whose members assume individual responsibility for professionalism, commitment, awareness of musical objectives and excellence in performance. Attendance at all rehearsals mandatory; outside preparation required to equalize differing levels of ability. Open to all students by audition only. Fulfills small ensemble requirement for majors. **Three hours per week.**

107. CONCERT BAND 1 hour credit

Select ensemble of wind and percussion instrumentalists. Performance of "chamber" and "large" ensemble repertoire spanning all musical epochs. Open to all majors. Fulfills large ensemble requirement for majors. Attendance at all rehearsals and performances is mandatory. **Three hours per week.**

108. CLASS VOICE I 1 hour credit

Introduction to vocal techniques through voice placement, breathing, tone production and diction. Recommended for the

general student as well as students interested in music theatre and communication arts. Includes introduction to art song literature and musical theatre repertoire. **Two hours per week.**

109. CLASS VOICE II**1 hour credit**

Introduction to vocal techniques through voice placement, breathing, tone production and diction. Recommended for the general student as well as students interested in music theatre and communication arts. Includes introduction to art song literature and musical theatre repertoire. Prerequisite: MUSA 108. **Two hours per week.**

110. SALISBURY CHORALE**1 hour credit**

Salisbury Chorale is a mixed—soprano, alto, tenor, bass—choral ensemble whose membership is comprised of persons from the community and University faculty, staff and students. Members assume individual responsibility for professionalism, commitment, awareness of musical objectives and excellence in performance. Provides an opportunity for all members of the greater community to sing the masterworks of choral literature. **Two hours per week.**

131. ACCOMPANYING**1 hour credit**

Designed for ensemble work in instrumental and vocal studies. Two semesters required for majors with keyboard emphasis. Prerequisite: Permission of instructor. **Two hours per week.**

138. APPLIED MUSIC I**1-2 hours credit**

Study of fundamental skills appropriate to the instrument or voice with survey of basic literature. Prerequisites: Entrance audition, permission of department chair. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

139. APPLIED MUSIC II**1-2 hours credit**

Continues MUSA 138 with study of fundamental voice or instrument skills and survey of relevant literature. Prerequisite: Successful panel evaluation at the conclusion of MUSC 138. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

205, 206. CLASS PIANO I AND II**1 hour credit each**

Group piano instruction with individual help. To develop fundamental piano skills for students with little or no piano experience. Basic skills included are reading, harmonization, transposition, improvisation and compositional techniques. Each course may be repeated once for credit. Prerequisite: MUSC 201 or equivalent; Piano I a prerequisite to Piano II. **Two hours per week.**

209, 210. CLASSICAL GUITAR I AND II**2 hours credit each**

Fundamentals of six-string guitar techniques, chords and basic classical guitar using musical notation, accompaniment styles, melodies and appropriate literature. Each may be repeated once for credit. Prerequisite: None for Guitar I. Guitar I is a prerequisite to Guitar II. **Two hours per week.**

213. SINGER'S DICTION I**1 hour credit**

Introduction to the international phonetic alphabet (IPA) and the application of English and Italian diction to contemporary English and 18th century Italian art song literature. Required for all voice majors. Corequisite: Applied voice study. **Two hours per week.**

214. SINGER'S DICTION II**1 hour credit**

Continued study of diction through application of the international phonetic alphabet (IPA) and German and French diction to German "Lieder" and French "Melodies." Required for all voice majors. Prerequisite: MUSA 213. Corequisite: Applied voice study. **Two hours per week.**

238. APPLIED MUSIC III**1-2 hours credit**

Continues MUSA 139 with study of fundamental voice or instrument skills and survey of relevant literature. Prerequisite: Successful panel evaluation at the conclusion of MUSA 139. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

239. APPLIED MUSIC IV**1-2 hours credit**

Continues MUSA 238 with study of fundamental voice or instrument skills and survey of relevant literature. Prerequisite: Successful panel evaluation at the conclusion of MUSA 238. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

338. APPLIED MUSIC V**1-2 hours credit**

Continues MUSA 239 with study of fundamental voice or instrumental skills and survey of relevant literature. Prerequisite: Successful panel evaluation at the conclusion of MUSA 239. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

339. APPLIED MUSIC VI**1-2 hours credit**

Continuation of MUSA 338. Prerequisites: Successful panel evaluation at the conclusion of MUSA 338, permission to prepare for a public recital. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

390. APPLIED STUDY**1-2 hours credit**

Individual studio lessons in an instrument or voice as a minor specialty. Open to majors and non-majors. Repeatable under all sections. Prerequisite: Permission of instructor. **One-half hour meeting per week per credit.**

391. PERFORMANCE CLASS**0 credit**

Designed as a repertory and performance preparation class for all music majors. All majors are required to take this class while studying their major applied area in the following courses: MUSA 138, 139, 238, 239, 338, 339, 438, 439 or 390. **One hour per week.**

438. APPLIED MUSIC VII**2 hours credit**

Continues MUSA 339 with study of fundamental voice or instrument skills and survey of relevant literature. Prerequisite: Successful panel evaluation at the conclusion of MUSA 339. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

439. APPLIED MUSIC VIII**2 hours credit**

Continuation of MUSA 438 with a concentration on selected literature appropriate for a public recital. Must be approved by chair. Prerequisite: Successful panel evaluation at the conclusion of MUSA 339. Corequisite: MUSA 391. **One half-hour meeting per week per credit.**

501. SYMPHONY ORCHESTRA**1 hour credit**

Research and performance of major works in orchestral literature. Prerequisite: Audition. **Four hours rehearsal per week.**

502. SYMPHONY ORCHESTRA**1 hour credit**

Continued research and performance of major works in the field of orchestral literature. Prerequisite: Audition. **Four hours rehearsal per week.**

503. SYMPHONY ORCHESTRA**1 hour credit**

Research and performance of major works in the field of orchestral literature using advanced conducting techniques. Prerequisite: Audition. **Four hours studio per week.**

507. CHAMBER CHOIR**1 hour credit**

Research and performance of major works in choral literature. Prerequisite: Audition. **Four hours rehearsal per week.**

508. CHAMBER CHOIR**1 hour credit**

Continued research and performance of major works in the field of choral literature. Prerequisite: Audition. **Four hours rehearsal per week.**

509. CHAMBER CHOIR**1 hour credit**

Research and performance of major works in the field of choral literature using advanced conducting techniques. Prerequisite: Audition. **Four hours rehearsal per week.**

516. WIND ENSEMBLE**1 hour credit**

Research and performance of major works in wind ensemble literature. Prerequisite: Audition. **Four hours rehearsal per week.**

517. WIND ENSEMBLE**1 hour credit**

Continued research and performance of major works in the field of wind ensemble literature. Prerequisite: Audition. **Four hours rehearsal per week.**

518. WIND ENSEMBLE**1 hour credit**

Research and performance of major works in the field of wind ensemble literature using advanced conducting techniques. Prerequisite: Audition. **Four hours rehearsal per week.**

538. APPLIED MUSIC IX**1-2 hours credit**

Individual studio instruction providing a graduate extension of an undergraduate major performing area. Prerequisite: Audition.

539. APPLIED MUSIC X**1-2 hours credit**

Continued individual studio instruction at graduate level in a major performing area. Prerequisites: Audition, MUSA 538.

540. APPLIED MUSIC XI**1-2 hours credit**

Continued individual studio instruction at graduate level in a major performing area. Prerequisites: Audition, MUSA 539.

541. APPLIED MUSIC XII**1-2 hours credit**

Continuation of MUSA 540 with a concentration in advanced literature appropriate for a graduate-level recital. Prerequisites: Audition, MUSA 540.

MUSC**112. CREATIVITY AND ELECTRONIC /ACOUSTIC MUSIC****4 hours credit**

Stylistic, technical and intuitive aspects of music examined through listening, discussion and creative exercises. Students explore their creative potential in music and are familiarized with newer techniques of composition including synthesized music. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

114. MUSIC APPRECIATION**4 hours credit**

A general historical survey of musical styles and genres from around the world. Topics may include Western classical music, non-Western cultures, folk music and jazz. May not be repeatable for credit under different topics. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

115. HISTORY OF THE BROADWAY MUSICAL**4 hours credit**

Covers a broad spectrum of knowledge and themes based on the social phenomena depicted and commented upon in Broadway musicals. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

201. INTRODUCTION TO MUSIC THEORY**4 hours credit**

Principles of music construction based on a historical perspective of music theory in Western culture. Emphasis on the nature of modes and/or tonal centers and the organization of melody, harmony and voice leading utilizing basic elements of keys, scales, chords, notation and ear training. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

202. INTRODUCTION TO MUSIC TECHNOLOGY**4 hours credit**

A broad overview of various hardware and software applications in music. Through composition and presentation projects, online forums, Web page design and other forms of production, explore historical and current uses of music and technology. Basic consideration of ethical, aesthetic, economic and social issues involving music technology also are explored. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

203. THEORY I**3 hours credit**

Intermediate music fundamentals including rhythm, basic melodic and harmonic relationships, voice leading, harmonic function and basic composition. Prior knowledge of music notation key signatures, scales and triads recommended. Prerequisites: MUSC 201 for non-majors and permission of instructor. **Three hours per week.**

204. THEORY II**3 hours credit**

Continuation of MUSC 203 with added emphasis on voice leading with complex diatonic chords, localized musical formal features, non-chord tones, analysis and composition. Prerequisite: MUSC 203 or permission of instructor. **Three hours per week.**

210. SPECIAL TOPICS IN MUSIC**4 hours credit**

An introductory course on a special topic in music. Topics include emphases on specific genres and sub-genres such as Western classical, world music, folk music, jazz, rock, blues and other music history, musicology and interdisciplinary topics. Prior musical experience and/or knowledge is helpful but not necessary. May be taken three times under different topics.

ferent course titles. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

215. INSTRUMENTAL TECHNIQUES-WOODWINDS

1 hour credit

Introduction of traditional woodwind instruments and their development in the Western culture. Basic cognitive and psychomotor techniques involving instrument handling, embouchure, breathing, articulation and fingering combinations are discussed, practiced and demonstrated. **Prerequisite:** Music major or permission of instructor. **Two hours per week.**

216. INSTRUMENTAL TECHNIQUES-PERCUSSION

1 hour credit

Introduction to traditional percussion instruments and their development in Western culture. Basic cognitive and psychomotor techniques that involve proper handling and traditional performance practices are discussed, practiced and demonstrated. **Prerequisite:** Music major or permission of instructor. **Two hours per week.**

217. INSTRUMENTAL TECHNIQUES-STRINGS

1 hour credit

Introduction to traditional orchestral string instruments and their development in Western culture. Basic cognitive and psycho-motor techniques involving instrument handling, bowing, finger patterns and shifting are discussed, practiced and demonstrated. **Prerequisite:** Music major or permission of instructor. **Two hours per week.**

218. INSTRUMENTAL TECHNIQUES-BRASS

1 hour credit

Introduction to traditional brass instruments and their development in Western culture. Basic cognitive and psychomotor techniques that involve embouchure, breathing, articulation, fingering combinations and tone production are discussed, practiced and demonstrated. **Prerequisite:** Music major or permission of instructor. **Two hours per week.**

220. INTRODUCTION TO MUSIC OF THE WORLD

4 hours credit

Introduction to world musical traditions and practices, such as Africa, China, India, Japan and the Americas. Ability to read music is not necessary. Open to non-music majors, music majors and minors. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

221. BLUES: ROOTS OF ROCK AND ROLL

4 hours credit

The study of the development of blues as a song style and the effect it has on modern American music. Traces the historical origins and traditions that developed into a style of its own and the influence the blues had on rock and roll, gospel, country R&B and soul. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

222. POPULAR MUSIC AFTER 1945

4 hours credit

An historical survey of pop, rock and soul music from the 1920s to the present. The student will develop an understanding of the different musical styles as well as the social and cultural issues associated with each. Prior knowledge of music is helpful but not required. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

225. MUSIC AND LANDSCAPE

4 hours credit

An introduction to the study of landscape interpretations through music analysis. Focuses on the study of 'soundscapes' as aural dimension to the study of past, present or imagined places. No prior knowledge of music or cultural geography is required. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

230. MUSIC FOR CHILDREN

4 hours credit

Introduction to the role of music in the lives of children. Emphasizes the acquisition of musical skills, experiences and information needed to help students become nurturing, self-directed and competent facilitators of musical experiences in the lives of children. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

301. JAZZ THEORY

4 hours credit

An introduction to jazz melody and harmony with particular emphasis on the innovations of bebop and its resultant styles. A historical perspective, analytical approaches to harmony and melody and short compositional and arranging exercises provide students with the tools to synthesize materials. **Prerequisite:** MUSC 201 or permission of instructor. **Three hours per week with enhancement.**

303. THEORY III

3 hours credit

Study of chromatic harmonies and their voice leading tendencies and modulation with added emphasis on analysis, composition and musical interpretation. **Prerequisite:** MUSC 204 or permission of instructor. **Three hours per week.**

304. THEORY IV

3 hours credit

Theories of advanced chromaticism in late Romantic and 20th-century music. Study of analytical and compositional techniques used to interpret uniquely structured neotonal, nontonal and atonal music. **Prerequisite:** MUSC 303 or permission of instructor. **Three hours per week.**

305, 306. MUSIC HISTORY I AND II

3 hours credit each

A historical survey of musical style from the earliest times to the present. Music History I covers music from Gregorian chant through the Baroque period. Music History II covers music from the Pre-Classical through the Modern periods. Non-Western music is also included in both classes. Analysis, listening and discussion of music in a cultural context is covered. Ability to read music is necessary. **Prerequisite:** Permission of instructor for non-music majors. **Three hours per week. Meets General Education IIIA or IIIC.**

308. INSTRUMENTAL TECHNIQUES AND METHODS

2 hours credit

Designed to examine techniques for administering a school instrumental music program. Emphasizes rehearsal techniques, literature, material for school use and the role of instrumental music in the public and the development of skills for teaching beginning instrumentalists. **Prerequisite:** Permission of instructor. It is recommended students have taken one or more of the following: MUSC 215, 216, 217 or 218. **Two hours per week.**

309. CHORAL TECHNIQUES AND METHODS

2 hours credit

Designed to examine rehearsal techniques for developing appropriate diction, tone, production, intonation, phrasing and interpretation in a choral ensemble. Explores the examination of materials, methods and procedures in organizing school choral ensembles. **Prerequisite:** Permission of instructor. **Two hours per week.**

310. CONDUCTING AND SCORE READING

1 hour credit

Application of basic conducting patterns in expressing a variety of styles, dynamics and tempi; analysis of conductor's score and rehearsal techniques in both choral and instrumental music. **Prerequisite:** Permission of instructor. **Two hours per week.**

311. MUSIC PERCEPTION I

1 hour credit

Develops the ability of the musician to visually and aurally perceive fundamentally organized musical events for the purpose of accurately performing and notating them. Focuses on the prominent musical constructs, including all aspects of simple melody, simple harmony and progression and basic rhythm. **Prerequisite:** MUSC 201 or proficiency equivalence. **Corequisite:** MUSC 203. **Two hours per week.**

312. MUSIC PERCEPTION II

1 hour credit

Develops the ability of the intermediate musician to visually and aurally perceive organized musical events for the purpose of accurately performing and notating them. Melodic materials outline diatonic chords and large functional progressions embellished by light chromaticism. Harmonic study culminates in inverted diatonic seventh chords being contextualized within tonic, dominant preparation and dominant relationships. Rhythmic materials explore such concepts as syncopation in complex compound meters and two-against-three patterns. **Prerequisites:** MUSC 203 and 311 or proficiency equivalence. **Corequisite:** MUSC 204. **Two hours per week.**

313. MUSIC PERCEPTION III

1 hour credit

Develops the ability of the intermediate musician to visually and aurally perceive complex musical events for the purpose of accurately performing and notating them. Melodic materials explore chromatic alterations within the tonal contexts of the secondary functions and modulation. Harmonic study emphasizes secondary functions and modulations to closely related keys. Meter changes, simple metric modulations and simple polyrhythms are considered. **Prerequisites:** MUSC 204 and 312 or proficiency equivalence. **Corequisite:** MUSC 303. **Two hours per week.**

314. MUSIC PERCEPTION IV

1 hour credit

Develops the ability of the advanced musician to visually and aurally perceive complex musical events for the purpose of accurately performing and notating them. Melodic materials involve advanced chromaticism, modulations and intervals, as well as modal idioms. Harmonic study culminates in highly chromatic progressions involving secondary leading-tone, Neapolitan and augmented-sixth chords. Rhythmic materials incorporated advanced tulpets, meters with unequal beats, complex meter changes and tempo modulation. **Prerequisites:** MUSC 303 and 313 or proficiency equivalence. **Corequisite:** MUSC 304. **Two hours per week.**

315. TOPICS IN MUSIC THEORY/ANALYSIS

4 hours credit

Analysis and discussion of a particular past or contemporary musical style, compositional or analytical techniques, composer or aspect of music. May be used as an upper-level music theory requirement for the music major. May be repeated three times for degree credit under different course titles. **Prerequisite:** MUSC 201 or permission of instructor. **Three hours per week with enhancement.**

316. TOPICS IN MUSIC HISTORY

4 hours credit

Special topics course. Studies and discussion of a particular past or contemporary period or aspect of music literature. Such topics may include world music, folk music, jazz, rock, blues and modern music. May be used as an upper-level music literature requirement for the music major. May be taken three times under different course titles. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

318. WELLNESS IN PERFORMANCE

3 hours credit

Designed to address the physiological and psychological issues that are encountered by all types of performers. Specific issues concerning injury/illness, wellness concepts, practice techniques and performance preparation will be examined. The course addresses all students who need pedagogical help with performance preparation, regardless of instrument. Open to all students in the area of music, acting, musical theatre, sports, dance and public speaking. **Three hours per week. Meets General Education IIIA or IIIC.**

403. THE HISTORY OF THE PIANOFORTE AND ITS LITERATURE

4 hours credit

Comprehensive study of the piano and its predecessors. Traces the history of keyboard instruments, emphasizing the ways in which the development of the instruments interacted with the development of keyboard literature and performance practices. Includes familiarization with the principal keyboard composers, performers and instrument makers from earliest times to the present. Examine the history of piano technique, piano pedagogy and how it relates to the development of the piano and its literature. **Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

413. ADVANCED CONDUCTING

2 hours credit

Continues MUSC 310 with review and refinement of skills in conducting. Students develop a common language in which cognitive understanding and psychomotor skills can be aesthetically communicated to an ensemble via the conducting gesture. **Prerequisite:** MUSC 310. **Two hours per week.**

420. HISTORY OF THE ART SONG

4 hours credit

Surveys the diverse history, interpretation and poetic content of Italian, French, German and English/American art song (including folk songs and spirituals) from the Renaissance to the present. Includes text and musical analysis of representative works with emphasis on compositional styles and performance practices. Performance and pedagogical components including the mastering of art song recital programming. **Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

425. MUSICAL FORM AND ANALYSIS

2 hours credit

Study of the organizing principles of musical composition and their application to the most prevalent forms through the sonata-allegro and fugue. Analysis of music literature illustrating the basic vocal and instrumental forms and some original composition in these forms. **Prerequisite or Corequisite:** MUSC 303. **Two hours per week.**

426. ARRANGING FOR VOICES AND INSTRUMENTS

2 hours credit

Fundamental techniques of scoring for various cappella and accompanied voice combinations, special characteristics of each choir of instruments, range of voices, selection on suitable literature for treatment in different ensembles, with considerations of style. **Prerequisite or Corequisite:** MUSC 304. **Two hours per week.**

435. CHORAL LITERATURE

4 hours credit

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary school through senior high school and adult ensembles. **Prerequisite:** permission of instructor. **Three hours per week with enhancement.**

441. INSTRUMENTAL LITERATURE

4 hours credit

Class investigation and evaluation of new methods and mate-

rials for bands, orchestras and instrumental ensembles. **Prerequisite:** permission of instructor. **Three hours per week with enhancement.**

450. STUDIES IN MUSIC 4 hours credit

Study of a single composer, musical form, performance medium or technique, or topic in music education. Topic varies semester to semester. May be taken twice for credit. Possible prerequisite(s) listed according to topic by semester. **Three hours per week with enhancement.**

490. DIRECTED INDEPENDENT STUDY 1-4 hours credit

Tutorial in any area of music; open to seniors and graduate students. May include continuation of a skills development program begun in the lower-level independent study course, or any type of individual research in music not normally included in courses offered by the department, or individual study of an area needed for teacher certification but not offered by the department in the current semester. **Prerequisites:** Approval in writing of department chair and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of six credits.

497. UNDERGRADUATE RESEARCH 1-4 hours credit

Designed to encourage students to pursue an important area of original research in either music history, theory, composition or performance. Allows student to study a subject area in more depth than possible in the traditional classroom setting. Public presentation required. May be repeated for a maximum of eight credits. **Prerequisite:** permission of instructor. **One to four hours per week.**

498. SENIOR PROJECT 4 hours credit

Required of music majors in senior year of the B.A. in music (traditional and music technology tracks), but open to all music majors. Designed to be a research paper, recital or composition. This project is of the student's choice in consultation with a faculty mentor. Students meet weekly with their faculty mentor. Sign up in music office one term in advance. **Prerequisites:** Senior standing, completion of core and permission of chair. **Three hours per week with enhancement.**

503. THE HISTORY OF THE PIANOFORTE AND ITS LITERATURE 3 hours credit

Comprehensive study of the piano and its predecessors. Traces the history of keyboard instruments, emphasizing the ways in which the development of the instruments interacted with the development of keyboard literature and performance practices. Includes familiarization with the principal keyboard composers, performers and instrument makers from earliest times to the present. Examine the history of piano technique, piano pedagogy and how it relates to the development of the piano and its literature. **Prerequisites:** MUSC 114, 201 or permission of instructor. **Three hours per week.**

510. RECENT ISSUES AND TRENDS IN MUSIC EDUCATION 3 hours credit

Student-researched seminar presentations on pertinent current issues in general, vocal and instrumental music education. The seminar presentations will, through researching current trends, arrive at conclusions compatible with current practices in music education. **Prerequisites:** ELED 419 and SCED 429 or equivalent. **Three hours per week.**

515. GRADUATE CONDUCTING 3 hours credit

Graduate-level conducting designed for the practicing choral conductor and teacher of bands, choruses, orchestras and

musical theatres. Focuses on advanced skill building in the areas of baton technique, stylistic interpretation, repertoire and organizational problem analysis. **Prerequisite:** MUSC 310 or equivalent. **Three hours lecture, two hours laboratory per week.**

520. PHILOSOPHICAL AND PSYCHOLOGICAL PERSPECTIVES IN MUSIC EDUCATION 3 hours credit

A review of philosophical tenets and psychological principles as applied to contemporary music education practices, including the standard and recently developed musical aptitude and achievement tests. **Prerequisite:** Graduate status. **Three hours per week.**

530. DIRECTED RESEARCH IN MUSIC/MUSIC EDUCATION 3 hours credit

Preparation of optional research project in the M.Ed. program under the direction of departmental faculty. Weekly conference with faculty sponsor.

535. CHORAL LITERATURE 3 hours credit

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary school through senior high school and adult ensembles. **Prerequisite:** Permission of instructor. **Three hours per week.**

541. INSTRUMENTAL LITERATURE 3 hours credit

Class investigation and evaluation of new methods and materials for bands, orchestras and instrumental ensembles. **Prerequisite:** Permission of instructor. **Three hours per week.**

550. STUDIES IN MUSIC 3 hours credit

Study of a single composer, musical form, performance medium or technique, or topic in music education. Topic varies semester to semester. May be taken twice for credit. Possible prerequisite(s) listed according to topic by semester. **Prerequisite:** Permission of instructor. **Three hours per week.**

590. DIRECTED INDEPENDENT STUDY 1-3 hours credit

An individual, graduate tutorial course including research topics not covered in available courses. May be repeated for a maximum of three hours credit under difference course subtitles. **Prerequisite:** Written specified area of study approved in writing by department chair and supervising faculty member prior to registration.

NURSING (NURS)

310. NURSING CARE OF ADULTS I 3 hours credit

Theory related to nursing care of adults with common health problems who need to maintain or regain optimal levels of functioning. Emphasizes problem solving through use of a variety of resources; examines trends and issues relevant to health care in rural communities. Intended for students admitted to undergraduate nursing program. **Corequisite:** NURS 311. **Three hours per week.**

311. NURSING CARE OF ADULTS I CLINICAL 3 hours credit

Application of beginning health assessment skills, nursing knowledge and concepts from the biological and behavioral sciences. Students provide nursing care to adults with com-

mon health alterations in acute and long-term care settings and examine trends in gerontological nursing. Intended for students admitted to undergraduate nursing program. **Corequisite:** NURS 310. **Nine hours per week.**

312. INTRODUCTION TO PROFESSIONAL NURSING PRACTICE 3 hours credit

Introduces students to professional nursing practice including history, legal, ethical, economic, cultural issues and nursing process. Discussion of roles and responsibilities in communication, documentation and use of clinical technologies with the application through Web, campus-based and selected field experiences. **Prerequisites:** Admission to nursing major or second bachelor's degree program, BIOL 334 with C or better. **Corequisites:** NURS 310, 311, 319. **Three hours per week.**

319. HEALTH ASSESSMENT 3 hours credit

Functional health assessment of individuals from adolescence through older adulthood. Students practice health assessment skills in clinical settings with people of varied ages, social, cultural and economic backgrounds. Intended for students admitted to undergraduate nursing program. **Five hours per week.**

325. LIFE AND DEATH ISSUES IN HEALTH CARE: THE ETHICAL PERSPECTIVE 4 hours credit

Identification, analysis and evaluation of contemporary problems that have resulted from new breakthroughs in biomedicine. Topics include physician-patient relationship, euthanasia, social control, experimentation, genetic engineering, the health care system. Emphasis on developing an ethical framework to deal with these and future biomedical issues. Students may not receive credit for both NURS 325 and PHIL 315. **Four hours per week. Meets General Education IIIA or IIIC.**

329. RESEARCH METHODS IN NURSING 3 hours credit

Provides an understanding of the research process with opportunities to develop skills in critiquing current nursing research and interpreting evidence to inform practice. **Prerequisites:** NURS 312, MATH 155. **Three hours per week.**

350. NURSING CARE OF ADULTS II 3 hours credit

Advanced study of the theory necessary for providing nursing care to seriously ill adults from illness through rehabilitation and recovery. Examines trends in provision of critical and rehabilitative care in rural settings and selected issues related to women's health. **Prerequisites:** NURS 310, 311, 319 with C or better. **Prerequisite/Corequisite:** NURS 329. **Three hours per week.**

351. NURSING CARE OF ADULTS II CLINICAL 3 hours credit

Advanced clinical course in caring for adults as they progress from serious illness through rehabilitation and recovery. Clinical sites include acute care, specialty rotations (ICU, per, CCU), home health agencies and rehabilitation settings. **Prerequisites:** NURS 310, 311, 319. **Corequisites:** NURS 329, 350. **Nine hours per week.**

360. NURSING CARE OF CHILDREN AND ADOLESCENTS: A FAMILY CENTERED APPROACH 3 hours credit

Study of theory related to nursing care of children and adolescents with acute and chronic disorders. Integrates concepts from previous courses in the natural, behavioral and nursing sciences and introduces theories of structure, devel-

opment and function of families. **Prerequisites:** NURS 310, 311, 319 with C or better. **Prerequisite/Corequisite:** NURS 329. **Corequisite:** NURS 361. **Three hours per week.**

361. CARE OF CHILDREN AND ADOLESCENTS CLINICAL 2 hours credit

Prepares beginning practitioners to provide nursing care to children, adolescents and their families in a variety of rural health settings. Clinical practice will be guided by the objectives of Healthy People 2020. **Prerequisites:** NURS 310, 311, 312, 319 with C or better. **Prerequisite/Corequisite:** NURS 329. **Corequisite:** NURS 360. **Six hours per week.**

370. MATERNAL NEWBORN NURSING: A FAMILY CENTERED APPROACH 3 hours credit

Study of theory related to nursing care of childbearing families in rural communities. Explores social and health care issues related to changing needs of women across the life span. **Prerequisites:** NURS 310, 311, 319 with C or better. **Prerequisite/Corequisite:** NURS 329. **Corequisite:** NURS 371. **Three hours per week.**

371. MATERNAL NEWBORN NURSING CLINICAL 3 hours credit

Provides nursing care to the childbearing family in primary and acute care settings. Applies selected theories related to structure, development and function of families. Clinical practice will be guided by the objectives of Healthy People 2020. **Prerequisites:** NURS 310, 311, 319. **Corequisites:** NURS 329, 370. **Nine hours per week.**

380. PSYCHIATRIC-MENTAL HEALTH 3 hours credit

Study of theory related to the prevention and nursing care of individuals and families with psychosocial problems. Focuses on communication with clients in community and hospital settings with emphasis on mental illness in rural areas. Considers mental health needs of all age groups with special regard for cultural differences. **Prerequisites:** NURS 310, 311, 312, 319, 329 with C or better. **Corequisite:** NURS 381. **Three hours per week.**

381. PSYCHIATRIC-MENTAL HEALTH CLINICAL 3 hours credit

Clinical application of nursing theory and process focused on the prevention and nursing care of psychosocial problems in individuals and families. Focus on therapeutic communication with clients in a psychiatric hospital and clients with psychosocial needs in the community. **Prerequisites:** NURS 310, 311, 312, 319, 329 with C or better. **Corequisite:** NURS 380. **Nine hours per week.**

405. NURSING EXTERN SEMINAR 3 hours credit

Discussions of timely topics in nursing and health care. Explores concerns in nursing career development including role conflict, role transition and reality shock. Refine skills in assertiveness, clinical decision making, time management and conflict resolution. **Prerequisites:** NURS 350, 351 with a C or better or permission of instructor.

408. COMPLEMENTARY AND ALTERNATIVE APPROACHES TO HEALTH PROMOTION 3 hours credit

An introductory overview of complementary modalities to the promotion of wellness through a holistic approach. The dynamic interplay between each person's physical, psychological, social and spiritual elements will be discussed. Opportunities for experiential learning and practice of selected modalities during designated class time will be provided. Additional exploration of individual areas of interest will be encouraged, culminating in a final project presentation to class participants. Students may not receive credit for both

NURS 408 and 508. **Prerequisite:** Junior standing or permission of instructor. **Three hours per week.**

415. SPECIAL TOPICS IN NURSING 1-3 hours credit

Study of a selected area of nursing. Topics may vary semester to semester. Provides an opportunity for curriculum innovation or meeting the special needs or interests of undergraduate and graduate students. May be repeated for credit under different subtitles. **One to three hours lecture, zero to two hours laboratory per week.**

422. NURSING OF CHILDBEARING AND CHILDCARE FAMILIES 3 hours credit

Focus on nursing care to childbearing and childrearing families, and exploration of current, applicable research. Self-care and participation of family members emphasized. Topics include conditions that place the client at risk and selected acute and chronic childhood disorders. **Prerequisites:** NURS 310, 311, 312, 319 with C or better. **Corequisite:** NURS 423. **Three hours per week.**

423. NURSING OF CHILDBEARING AND CHILDCARE FAMILIES CLINICAL 3 hours credit

Focus on use of nursing process with childbearing and childrearing families in rural community settings and in acute care settings, both rural and urban. Emphasis on assisting clients in promoting, maintaining and/or regaining health. Students focus on clinical practice as they develop knowledge, psychomotor skills and professional values. Developmental and family theories stressed. **Prerequisites:** NURS 310, 311, 312, 319 with C or better. **Corequisite:** NURS 422. **Nine hours per week.**

430. COMMUNITY HEALTH NURSING: A RURAL PERSPECTIVE 3 hours credit

Focus on the theory of health of families, aggregated and communities with complex needs. Explores political, ethical, legal and sociocultural climates and theory related to the health care needs of an aging population. **Prerequisites:** NURS 329, 350, 351, 360, 361, 370, 371, 380, 381 with C or better. **Corequisite:** NURS 431. **Three hours per week.**

431. COMMUNITY HEALTH NURSING PRACTICUM: A RURAL PERSPECTIVE 3 hours credit

Prepares beginning practitioners to work with families, aggregates and communities in rural settings. Clinical practice guided by the objectives of Healthy People 2020 and the use of critical thinking skills. **Prerequisites:** NURS 329, 350, 351, 360, 361, 370, 371, 380, 381. **Corequisite:** NURS 430. **Three hours per week.**

440. SENIOR SEMINAR 3 hours credit

Provides a conceptual understanding of leadership and management processes in the health care system. Explores past, present and emerging roles of the professional nurse including political, economic and professional issues. **Prerequisites:** NURS 310, 311, 329, 350, 351, 360, 361, 370, 371, 380, 381 with C or better or permission of instructor. **Three hours per week.**

441. INTERNSHIP 3 hours credit

Precepted practicum emphasizing integration of knowledge, skills and values needed to care for groups of clients. Opportunities to develop beginning understanding of unit management issues within the context of a health care organization. Fosters increased independence in providing care to clients facilitating the transition to the role of graduate nurse. **Prerequisites:** NURS 329, 351, 361, 371, 381 with C or better. **Corequisite:** NURS 440.

442. NURSING LEADERSHIP AND MANAGEMENT 2 hours credit

Explores roles in nursing within the health care system with particular emphasis on leadership and management functions. Provides students with a conceptual understanding of the social, political, legislative and economic forces shaping the U.S. health care system and its impact on the rural environment. **Prerequisites:** NURS 310, 311, 312, 319, 329, 350, 351, 422, 423 with C or better. **Prerequisites/Corequisites:** NURS 380, 381, 430, 431, 443. **Two hours per week.**

443. NURSING LEADERSHIP PRACTICUM 2 hours credit

Emphasizes integration of nursing knowledge, values and skills in caring for groups of clients. Students experience various professional nursing roles and apply leadership and management strategies. **Prerequisites:** NURS 310, 311, 312, 319, 329, 350, 351, 422, 423 with C or better. **Prerequisites/Corequisites:** NURS 380, 381, 430, 431, 442. **Six hours per week.**

450. BEST PRACTICES IN NURSING AND NURSING EDUCATION 3 hours credit

Assists nursing students in applying best practices in nursing and nursing education to individual educational programs of study. This hybrid course offers online interaction, weekly class/group meetings and opportunities for hands-on application of nursing information. Involves students in activities that increase use of evidence-based information in health care and nursing education. Focuses on strengthening students' understanding of the scientific basis of nursing, application of the nursing process in a variety of settings and success in academic pursuits. **Prerequisite:** Admission to the nursing program. **One hour classroom per week with online component.**

454. HEALTH EDUCATION OF CLIENTS 3 hours credit

Theoretical content and practical application of the principles and methodologies of effective health education of individuals, families and groups. Emphasis on use of the teaching-learning process in assisting client adaptation and promoting quality health care. Through use of a micro-teaching laboratory the student can demonstrate and analyze a variety of teaching skills. Development of teaching plans, behavioral objectives and evaluation tools also stressed. **Three hours per week.**

456. PHARMACOTHERAPEUTICS 3 hours credit

Nursing interventions relating to application of pharmacotherapeutic principles in assisting client adaptation in primary, secondary and tertiary health care settings. Special emphasis on drug interactions, drug dependence, toxicology. **Three hours per week.**

457. CULTURAL CONSIDERATIONS FOR NURSING 2 hours credit

A basis for application of concepts, theories and methodologies from transcultural nursing to the practice of the health professional. Particular emphasis on the influence of culture on human response to health and illness. **Prerequisite:** Junior standing or permission of instructor. **Two hours per week.**

458. CRITICAL CARE: A MULTI-PROFESSIONAL APPROACH 3 hours credit

Introduces students to collaborative critical care practice. Prepares students interested in critical care clinical practice to recognize and categorize causes of sudden deterioration of the critically ill patient. Teaches appropriate treatment and interventions for the deteriorating critically ill patient.

Prerequisites: Admission to nursing or respiratory therapy major; Nursing: NURS 310, 311, 350, 351 with C or better; Respiratory Therapy: Senior status with successful completion of all junior-level courses and concurrent enrollment in all senior-level coursework; or permission of instructor. Cross-listed with RESP 458. **Three hours per week.**

485. SCHOOL HEALTH 3 hours credit

Current issues relevant to the health of school-age children and adolescents. Topics include roles of teachers and health professionals, current health problems and approaches to specific health problems. Intended for students in education and health-related professions. **Prerequisite:** PSYC 300 or EDUC 300 or permission of instructor. **Three hours per week.**

490. INDEPENDENT STUDY 1-3 hours credit

Intensive study in a specific area of nursing agreed upon by the student and faculty member. Open to senior and graduate students. May be taken twice under different course subtitles. **Prerequisite:** Permission of instructor.

508. COMPLEMENTARY AND ALTERNATIVE APPROACHES TO HEALTH PROMOTION: APPLICATIONS 3 hours credit

Explores the application of complementary modalities to the promotion of wellness through a holistic approach. The dynamic interplay between each person's physical, psychological, social and spiritual elements will be discussed. Opportunities for experiential learning and practice of selected modalities during designated class time will be provided. Additional exploration of individual areas of interest will be encouraged, culminating in final project presentation to class participants. Students will also integrate research findings reported in the literature. Students may not receive credit for both NURS 408 and 508. **Prerequisite:** Graduate standing or permission of instructor. **Three hours per week.**

510. ADVANCED HEALTH ASSESSMENT: DIDACTIC 3 hours credit

Provides the didactic content as a basis for history-taking and physical examination skills necessary for an advanced practice nurse. Critical thinking and diagnostic reasoning skills are used to analyze the history, physical examination and laboratory data in order to lay the foundation for an accurate assessment of the client and establish priorities of care. Physical, psychosocial, developmental, occupational and cultural assessment are considered as foundational to advanced practice nursing. May not receive credit for both NURS 510 and NURS 512. **Prerequisite:** Admission to the master's program or consent of instructor. **Prerequisite/Corequisite:** NURS 552. **FNP Corequisite:** NURS 511. **Three hours per week.**

511. ADVANCED HEALTH ASSESSMENT FOR ADVANCED PRACTICE NURSES: CLINICAL PRACTICUM 2 hours credit

Provides an opportunity for students to practice advanced health assessment skills on clients under the direction of a preceptor. Competencies in history-taking and physical examination skills essential for a problem-focused or comprehensive examination are demonstrated as an advanced practice nurse. Differential diagnoses are considered to determine the extent of the history and physical examination. Integrates evidence-based standards of care into practice. May not receive credit for both NURS 511 and NURS 512. **Prerequisite:** Admission to the master's program or consent of instructor, NURS 552. **Prerequisite/Corequisite:** NURS 552. **FNP Corequisite:** NURS 510. **Eleven hours per week.**

514. ISSUES IN ADVANCED PRACTICE NURSING 3 hours credit

Focuses on transition into the advanced practice nurse role including ethical issues, standards of care and the delivery of health care in rural settings. The organization of health care delivery systems, health care policy and the economic implications of health care are explored. Students develop their roles as advocates for change in the health care delivery system. Clinical practice guidelines, protocols and/or collaborative agreements are developed for the advanced practice nurse. Information technology is used where appropriate in an advanced practice role. **Three hours per week.**

515. EPIDEMIOLOGY 3 hours credit

Focuses on epidemiology as the basic science of disease prevention and the role of epidemiology in public health clinical practice and the evaluation of public policy. Provides an introduction to epidemiology and the epidemiologic approach to problems of health and disease. The basic principles and methods of epidemiology are presented together with its applications to public health and clinical medicine. **Prerequisite:** Admission to a graduate program or permission of instructor. **Three hours per week.**

516. FAMILY NURSING 4 hours credit

Explores theory and research relevant to family nursing assessment and intervention. Family health, illness and the impact of stressful events on the family system are examined. Clinical situations with families are analyzed based on classic family theory, developing theory and published research. Students develop strategies for serving as advocates for families as they explore beginning role requirements of advanced practice nurses. **Three hours lecture, three-four hours clinical practice per week, for a total of 50 hours.**

522. PHARMACOTHERAPEUTICS 3 hours credit

Provides advanced-practice nurses with knowledge of pharmacotherapeutics for acute and chronic conditions. Focuses on knowledge and skills necessary to assess, diagnose and manage common health problems. Legal, socioeconomic and client-safety considerations are discussed. Client-education factors and salient aspects of research are incorporated. Critical thinking is employed in the analysis and determination of pharmacological regimens. **Prerequisites or Corequisite:** Admission to an advanced practice track of the master's nursing program or permission of the instructor. NURS/BIOL 552. **Three hours per week.**

525. HEALTH CARE SYSTEM 3 hours credit

Explores the structure and functions of the health care system and the legal, ethical and economic forces that impact it. Special attention is given to health insurance and managed care, the formulation and impact of health policy and the context in which policy decisions are made. **Prerequisite:** Admission to a graduate program or permission of the instructor. **Three hours per week.**

526. HEALTH CARE INFORMATICS 3 hours credit

Introduces the student to the field of health care informatics via a Web-based instructional format. History of health care informatics, interrelated concepts such as classification systems and languages and ethical and confidentiality concerns are explored. Informatics applications in clinical practice, education and administration are discussed. **Prerequisite:** Admission into a graduate program or permission of instructor. **Three hours per week.**

538. NURSING THEORIES

3 hours credit

Examines the nature of concepts, models and theories in the context of scientific development and the historical development of nursing knowledge. A comparative analysis of evolving nursing theories will be made in regard to meeting criteria for theory building; major concepts used; theoretical perspective used; testability and practicality for application with the nursing process in clinical practice, teaching and research. **Three hours per week.**

542. QUALITATIVE RESEARCH IN HEALTH CARE
3 hours credit

Focuses on the importance of the theoretical foundations of research and on qualitative methods of scientific inquiry. Emphasis is placed on the accumulation of scientific evidence in health care and on the critical analysis and communication of evidence related to a specific topic. **Prerequisite:** Admission to a graduate program or permission of the instructor. **Three hours per week.**

544. QUANTITATIVE RESEARCH IN HEALTH CARE
3 hours credit

Focuses on quantitative research methods as a foundation for evidence-based health care. Includes problem identification, formulation of hypotheses, research design, sampling analyses and interpretation of quantitative data. Provides practice using a statistical package as a tool to analyze quantitative research data. Research findings are communicated both orally and in writing to health professionals using current technology. **Prerequisite/Corequisite:** MATH 502.

552. ADVANCED HUMAN PHYSIOLOGY/PATHOPHYSIOLOGY

3 hours credit
Advanced study of system-focused physiology and pathophysiology. Analyzes the relationship between normal physiology and pathological phenomena produced by altered health states across the life span. Emphasis is on application in the clinical areas of practice. Students may not receive credit for both NURS 552 and BIOL 552. **Prerequisite:** B.S. in biology, health-related field or education with biology emphasis. **Three hours per week.**

555. CULTURAL CONSIDERATIONS FOR NURSING
2 hours credit

A basis for application of concepts, theories and methodologies from transcultural nursing to the practice of the health professional. Particular emphasis on the influence of culture on human response to health and illness. **Two hours per week.**

558. ADULT HEALTH CARE MANAGEMENT
6 hours credit

Focuses on primary care of adult clients including health promotion and disease prevention within the context of the family. Incorporates critical thinking and clinical reasoning to establish diagnoses for and provide therapeutic management of adult clients with common short-term and chronic stable health problems. Emphasizes quality and cost-effective care of diverse populations in a wide variety of settings. **Prerequisite:** NURS 510 and 511 or NURS 512. **Prerequisite/Corequisite:** NURS 522. **Three hours lecture, 14 hours clinical per week for a total of 200 hours.**

559. WOMEN'S AND CHILDREN'S HEALTH CARE MANAGEMENT

6 hours credit
Focuses on primary care of women and children including health promotion and disease prevention within the context of the family. Incorporates critical thinking and clinical reasoning to establish diagnoses for and provide therapeutic management of women and children with common short-term and chronic stable health problems. Includes care of women during normal pregnancy and the postpartum period. Emphasizes quality and cost-effective care of diverse populations in a wide variety of settings. **Prerequisites/**

Corequisites: NURS 510 and 511 or NURS 512. **Three hours lecture, 14 hours clinical per week for a total of 200 hours.**

560. INDEPENDENT STUDY**1-3 hours credit**

Focused study on a specific area of advanced practice nursing agreed upon by the student and the faculty. May include preliminary work directed toward a thesis/capstone area of interest, a specialized area of study, or clinical practice. May be taken more than once under different course subtitles for a maximum of six hours credit. **Prerequisite:** Written permission of the faculty who will direct the study. **One to three hours per week.**

561. HEALTH CARE MANAGEMENT SEMINAR**3 hours credit**

Organized around major management functions, this course focuses on development of theoretical and practical knowledge to prepare students for advanced management responsibilities in diverse health care settings. Explores professional and organizational dynamics, including an overview of management theories, organizational behavior, marketing of health care services, resource analysis and allocation, conflict management, performance improvement, quality management and implementing planned change. **Corequisite:** NURS 562. **Three hours per week.**

562. HEALTH CARE MANAGEMENT PRACTICUM**3 hours credit**

Focuses on the development of a personal style of management with requisite knowledge, skills and abilities. Uses the mentor concept as a framework for management learning experiences in varied health care organizations. **Corequisite:** NURS 561. **Nine hours practicum per week.**

571. HEALTH CARE LEADERSHIP SEMINAR**3 hours credit**

Builds upon a management focus and makes the distinction between management and leadership models with emphasis on the evolution of leadership concepts and their application in health care organizations. Through examinations of the characteristics of great leaders, the course explores strategies for the identification and development of leadership skill in one's self and others. Power and legitimacy are explored as are ethical dilemmas and their resolution. Methods of productive interpersonal communication are stressed. **Corequisite:** NURS 572. **Three hours per week.**

572. HEALTH CARE LEADERSHIP PRACTICUM**3 hours credit**

Focuses on the development of a personal leadership style with requisite knowledge, skill and abilities. Includes mentored experiences in health care organizations and the practice of leadership with a team. **Corequisite:** NURS 571. **Nine hours practicum per week.**

573. TECHNOLOGY USE IN HEALTH CARE EDUCATION
3 hours credit

Introduces students to the various uses of technology in health care education. Topics discussed range from enhancement of classroom and clinical teaching with use of technology to application of teaching/learning theories when constructing distance education courses, including online courses. Technologies to support clinical and classroom teaching are used to construct and implement teaching plans. **Prerequisite:** Admission to the master's nursing program or consent of the instructor. **Three hours per week.**

574. TEACHING AND LEARNING FOR NURSE EDUCATORS: PRINCIPLES AND PRACTICUM**6 hours credit**

Theory focuses on principles of teaching/learning for adults, curriculum development, learner assessment and program measurement/evaluation. Practicum focuses on develop-

ment of expertise in the educator role. Individualized practicum experiences are designed to provide opportunities to apply effective teaching strategies in classroom, clinical or lab setting; engage in curriculum development; use assessment and evaluation strategies; and evaluate program outcomes in academia or healthcare organizations. **Prerequisites:** EDUC 560 and NURS 573 or consent of instructor. **Corequisite:** NURS 573. **Fourteen hours practicum and three hours seminar per week.**

580. SPECIAL TOPICS IN NURSING**1-3 hours credit**

Intensive study of a selected topic relevant to nursing in rural areas. May be taken twice under different course subtitles. **Prerequisite:** Permission of the graduate nursing program faculty member. **One to three hours lecture, zero to two hours laboratory per week.**

585. SCHOOL HEALTH**3 hours credit**

Current issues relevant to the health of school-age children and adolescents. Topics include roles of teachers and health professionals, current health problems and approaches to specific health problems. Intended for students in education and health-related professions. **Prerequisite:** Graduate standing. **Three hours per week.**

590. THESIS**1-3 hours credit**

Provides an opportunity for the master's level student to conduct formal research related to nursing. Reflects a culminating research study as an independent project under the direction of a thesis chair and committee. Incorporates knowledge from research methodology and analysis learned throughout the program. Requires that the student demonstrate critical thinking, a proficiency in oral and written communication, and use of appropriate information technology. Traditional defense of thesis required. May be repeated; no limit to the number of repeats. **Prerequisites:** MATH 502, NURS 544, and permission of the instructor.

592. INTERNSHIP**3 hours credit**

Provides an opportunity for the graduate nursing student to synthesize knowledge and experience from graduate courses and to enhance or expand preparation for advanced nursing practice through an internship. **Prerequisites:** Completion of all practicum courses in track or permission of the instructor. Requires 126 precepted hours.

593. CAPSTONE I: PROPOSAL**1 hour credit**

Focused on the development and refinement of a scholarly study of a clinical case, a topic or an issue relevant to the student's master's degree track. The Capstone Proposal reflects the culminating synthesis of knowledge from graduate courses as an independent project under the direction of a project chair and committee. Requires that the student demonstrate critical thinking, a proficiency in oral and written communication, and use of appropriate information technology. May not receive credit for both NURS 593 and NURS 591. **Prerequisites:** Year 2 or 3 of M.S. program, MATH 502, NURS 542, NURS 544, and permission of the instructor.

594. CAPSTONE II: IMPLEMENTATION**1 hour credit**

Focuses on the implementation of the previously approved Capstone Proposal (NURS 593) and reflects a culminating synthesis of knowledge from graduate courses as an independent project under the direction of a project chair and committee. Critical thinking, excellent oral and written communication, and skillful use of information technology are required. May not receive credit for both NURS 594 and NURS 591. **Prerequisites:** Year 2 or 3 of M.S. program, permission of the instructor, successful completion of NURS

593.

595. CAPSTONE III: DISSEMINATION**1 hour credit**

Focuses on the dissemination of the previously approved Capstone Proposal and Implementation (NURS 593, 594) and reflects a culminating synthesis of knowledge from graduate courses as an independent project under the direction of a Capstone Committee and its chair. Critical thinking, excellent oral and written communication, and skillful use of information technology are required. May not receive credit for both NURS 595 and NURS 591. **Prerequisites:** Year 3 of M.S. program, permission of the instructor, successful completion of NURS 594.

694. DOCTORAL PRACTICE EXPERIENCE**1-3 hours credit**

A student-directed, faculty-advised practice experience that complements learning in D.N.P. coursework where more expertise is desired. Provides clinical and/or nonclinical opportunities to complete experiences that merge the D.N.P. Essentials and specialty competencies with personal scholarly goals. Required for students needing additional practical experience hours to meet the 1,000 hours of practice post-baccalaureate. Course may be repeated for a total of six credits. **Prerequisites:** Admission to D.N.P. Program and permission of instructor.

742. QUALITY IMPROVEMENT IN HEALTHCARE**3 hours credit**

Focuses on theory, methods and tools of quality improvement. Prepares for design, implementation and evaluation of evidence-based quality health care practices for patient populations (individuals and aggregates) in a variety of settings. Assess organizational culture, gather safety information, analyze data and translate findings into systems changes through action learning experiences with organizations. **Prerequisites:** Admission to D.N.P. Program; NURS 744 or permission of instructor. **Three hours per week.**

744. EVIDENCE-BASED PRACTICE**3 hours credit**

Focuses on the skills needed to critically examine research and clinical practice. Explore databases and evaluate the quality of the research, as well as its applicability to advanced nursing practice. Facilitates the analysis of various types and levels of evidence for determining best practices. Identifies strategies for disseminating evidence-based research, interdisciplinary collaboration, and improving patient care and outcomes. **Prerequisites:** Admission to D.N.P. Program; MATH 502, NURS 544, 542 or equivalent. **Three hours per week.**

694. DOCTORAL PRACTICE EXPERIENCE**1-3 hours credit**

A student-directed, faculty-advised practice experience that complements learning in D.N.P. coursework where more expertise is desired. Provides clinical and/or nonclinical opportunities to complete experiences that merge the D.N.P. Essentials and specialty competencies with personal scholarly goals. Required for students needing additional practical experience hours to meet the 1,000 hours of practice post-baccalaureate. Course may be repeated for a total of six credits. **Prerequisites:** Admission to D.N.P. Program and permission of instructor.

815. GENETICS AND GENOMICS IN HEALTHCARE**3 hours credit**

Explores the emerging science of genetics and genomics in healthcare and its application to advanced nursing practice. Describes diagnostic techniques in medical genetics, effects of teratogenic factors in human development and pharmacogenomics in practice. Focuses on neurodegenerative diseases and common hereditary conditions, including clinical features, diagnostics, genetic testing and counseling. Ethical

and legal issues are considered throughout. **Prerequisites:** Admission to D.N.P. Program or permission of instructor. **Three hours per week.**

858. HEALTH PROMOTION AND CLINICAL PREVENTION

3 hours credit

Focuses on collaborative strategies to implement evidence-based clinical prevention and population health services. Analyze national, regional and local data to evaluate current clinical prevention and population health practices and develop a plan for integrating changes to practice. Explore theories of behavioral change to increase the consumer role in health promotion and maintenance and reduce major national health problems. Issues addressed are consistent with current national guidelines for clinical prevention and population health. **Prerequisites:** Admission to D.N.P. Program; NURS 744 or permission of instructor. **Three hours per week.**

880. D.N.P. EVIDENCE-BASED PRACTICUM

1-3 hours credit

Provides opportunities to complete experiences that merge the D.N.P. Essentials and specialty competencies with personal scholarly goals. A collaboration between the student, faculty advisor and agency preceptor complements learning in clinical and non-clinical areas in which more expertise is desired. During the D.N.P. Program, a total of four credits (400 hours) of practicum are required at SU in at least two different areas of focus. **Prerequisite:** Year 2 or 3 of D.N.P. Program or permission of instructor.

881. D.N.P. EVIDENCE-BASED PROJECT 1: TOPIC EXPLORATION AND IDENTIFICATION

1 hour credit

Focused on advancing nursing knowledge in a specialty area. Explore the literature in an area of interest to identify the topic for an evidence-based project that will improve health care outcomes and provide the foundation for future scholarship. **Prerequisite:** NURS 744 or permission of instructor. **One hour per week.**

882. D.N.P. EVIDENCE-BASED PROJECT 2: PROPOSAL DEVELOPMENT

1 hour credit

Focused on advancing nursing knowledge in a specialty area. Review the literature and integrate content from previous graduate courses to develop the proposal for an evidence-based project that will improve health care outcomes and provide the foundation for future scholarship. **Prerequisite:** NURS 881. **One hour per week.**

883. D.N.P. EVIDENCE-BASED PROJECT 3: IMPLEMENTATION

1 hour credit

Focused on advancing nursing knowledge in a specialty area. Implement the evidence-based project proposal from NURS 882. The role of the D.N.P. as a leader in complex organizational systems is addressed as it relates to the evidence-based project. **Prerequisite:** NURS 882. **One hour per week.**

884. D.N.P. EVIDENCE-BASED PROJECT 4: EVALUATION AND DISSEMINATION

1 hour credit

Focused on advancing nursing knowledge in a specialty area. Evaluate and disseminate the approved project from NURS 883. The role of the D.N.P. as a leader in complex organizational systems is addressed as it relates to the evaluation and dissemination of the project. **Prerequisite:** NURS 883. **One hour per week.**

PHILOSOPHY (PHIL)

101. INTRODUCTION TO PHILOSOPHY

4 hours credit

Invites students to philosophize, asking and creatively responding to basic questions about human existence which are usually left unasked, e.g., are we free, what is the self, what value should we live for? **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

103. CRITICAL THINKING

4 hours credit

Develops abilities to reason effectively, analyze problems, identify issues, critically evaluate evidence, argue logically and reach and defend justifiable conclusions. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

202. INTRODUCTION TO SYMBOLIC LOGIC

4 hours credit

Provides a basic introduction to logic, emphasizing modern symbolic methods. Nature of formal deductive proof is given special attention. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

203. ETHICS

4 hours credit

Helps students develop a personal framework for ethical action. Emphasis on identification of ethical theories; applications to contemporary problems utilized as exercises to strengthen each student's own ethical position. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

207. PHILOSOPHY OF EDUCATION

4 hours credit

An introduction to seminal texts, central questions and rival traditions in the philosophy of education. Works from main authors in Western philosophy are read to address questions about education and schooling as dimensions of human life. Develop an appreciation of the role of philosophy for personal and communal growth, and to form one's own philosophy of education. This course has a civic engagement component. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

209. PHILOSOPHY AND CULTURE

4 hours credit

A reflection on the significance of culture and the difficulties posed when one seeks to translate other cultural perspectives into one's own world view. Emphasis is on cultivating knowledge of particular cultures outside the American scene, as well as on the struggle within our own nation to form a culture in which intercultural relationships can flourish. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

210. NATURE, SCIENCE AND RELIGION

4 hours credit

Science and religion sometimes make conflicting claims about nature and human nature. Throughout history the two enterprises have reacted to and shaped one another in diverse ways. Introduction to past and current thinking about the relations between science and religion. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

290. PROSEMINAR IN PHILOSOPHY

4 hours credit

Careful study of selected important texts in the history of philosophy with the purpose of developing reading and writing skills. Intended to prepare new majors for upper-level courses,

required for philosophy majors and recommended for minors. **Prerequisite:** Students must have declared a major or minor in philosophy. **Three hours per week with enhancement.**

300. PHILOSOPHY OF THE ARTS

4 hours credit

Analysis of the complexity of problems concerning the nature of beauty and artistic value. Topics include attempts to define "the aesthetically pleasing," the role of formal and sensuous components in a work of art, the relationships of art to emotions and to intellect, the debate about the "moral" component of art, the dialogue between the artist and the beholder, the nature of value judgments and role of the critic. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

301. VIOLENCE AND NONVIOLENCE

4 hours credit

Explores and analyzes the philosophical meaning of violence and nonviolence, the ethics of just and unjust wars, and the moral efficacy of pacifism. Applies to issues such as capital punishment, nonviolent resistance and specific wars. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

305. POLITICAL PHILOSOPHY

4 hours credit

Examines political reality as the public place where people come together to speak and act, freely and equally, and thereby become more fully human. Students develop a model of political speech and action (from a dialogue with the tradition) and apply that model to contemporary political problems. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

306. ANIMALS AND ETHICS

4 hours credit

Examines fundamental moral questions concerning our interactions with nonhuman animals. Attention to what we can know about the mental and emotional capacities of animals, to whether animals have rights, and to human-animal relationships. **Three hours per week with enhancement.**

307. MIND, LANGUAGE AND WORLD: THEMES IN ANALYTICAL PHILOSOPHY

4 hours credit

Examines the relationship between the mind and the world and the role of language within this relationship. Some typical questions that form the topic of discussion are "What is the mind?", "Can (some) machines think?", "How does the mind represent the world?", "How does language refer to the world?" and "Is it possible to have thought without language?" **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

308. ANCIENT PHILOSOPHY

4 hours credit

Study of philosophy in the Greco-Roman world from the Pre-Socratics to the Neo-Platonists. Special emphasis on Plato and Aristotle. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

309. MEDIEVAL PHILOSOPHY

4 hours credit

The absorption of Greek philosophical concepts by Christianity, Judaism and Islam. Study of the great medieval systems constructed to strengthen revealed religions and the skeptical revolts against them. Augustine to the medieval mystics. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

310. PHILOSOPHICAL TOPICS

4 hours credit

Examines in depth a philosophical theme or problem. Content varies semester to semester. May be repeated under different subtitles. **Three hours per week with enhancement.**

311. MODERN PHILOSOPHY

4 hours credit

Surveys the development of philosophy from the Renaissance to the 19th century and includes a study of Descartes, Hume, Kant and Hegel. May not receive credit for both PHIL 302 and 311. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

312. INTRODUCTION TO ASIAN PHILOSOPHY

4 hours credit

Examines some of the main philosophical ideas of Indian, Tibetan, Japanese and Chinese thought. Emphasis is on the following question: Is Asian thought really fundamentally different from Western thought? Discussion of how Asian Philosophers have attempted to answer questions such as: "How do I know that I know something?", "What is the nature of the self?" and "What is good?" **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

313. STUDIES IN THE HISTORY OF PHILOSOPHY

4 hours credit

Intensive study of a major thinker, period or theme in the history of philosophy. May be repeated for credit under different subtitles. **Prerequisite:** One philosophy course. **Three hours per week with enhancement.**

315. LIFE AND DEATH ISSUES IN HEALTH CARE: THE ETHICAL PERSPECTIVE

4 hours credit

Identification, analysis and evaluation of contemporary problems resulting from the new breakthroughs in biomedicine. Topics include physician-patient relationship, euthanasia, experimentation, social control, genetic engineering, the health care system. Emphasis on developing an ethical framework to deal with these and future biomedical issues. Students may not receive credit for both NURS 325 and PHIL 315. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

316. PHILOSOPHY AND FEMINISM

4 hours credit

Examines the theoretical basis of several traditions which define women as "other" or "special" or "different from" the human standard (male), along with some of the social and personal consequences this has. Also looks at contemporary redefinitions of what it is to be female/male/human and the rights and obligations that logically follow from legal and social recognition of woman's full humanity. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

317. 19TH CENTURY PHILOSOPHY

4 hours credit

A study of various philosophical movements and figures within 19th-century Europe. Explores questions of progress, history and moral change, and contrasts systematic, hermeneutical and creative philosophical methodologies. Special emphasis on post-Kantian philosophy and Hegel. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

318. ENVIRONMENTAL RESPONSIBILITY

4 hours credit

Focus on two central questions: How does our manner of encountering nonhuman entities affect how they become meaningful for us? How might we best formulate our obligations to the earth's diverse ecosystems and the creatures

populating them? **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

319. LAW AND MORALITY 4 hours credit

Examination of the philosophical issues that arise in thinking about the law, such as: What is the relationship between morality and the law? What kind of equality does the Constitution guarantee? What makes an act a crime? Classic and contemporary theories of law, as well as recent legal cases, are also discussed. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

321. RACE AND ETHNICITY 4 hours credit

Explores some of the philosophical questions that arise in regard to the concepts of race and ethnicity, such as: What is "race"? Is it a valid biological category? What is "ethnicity"? Are race and ethnicity central to one's sense of self? What race is a mixed-race person? Is racist and ethnic discrimination primarily an emotion or a belief? Can people of color be racist? How can racist and ethnic discrimination be reduced? **Prerequisite:** One philosophy course. **Three hours per week with enhancement.**

322. EXISTENTIALISM 4 hours credit

Close look at the basic human problems of self, God and others as seen from the existentialist perspective. Major themes of alienation, authenticity, freedom, commitment and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heidegger and Buber, et al. May not receive credit for both PHIL 322 and 403. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

323. BUDDHIST PHILOSOPHY 4 hours credit

Provides a general introduction to the Buddhist philosophy of the Indian subcontinent, Tibet, China and Japan. Discusses the teachings of the historical Buddha before concentrating on a number of Buddhist schools that developed from these teachings. Emphasis will be on Buddhist metaphysics, epistemology, ethics and philosophy of mind. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

324. TOPICS IN ASIAN PHILOSOPHY 4 hours credit

Examines in depth a particular theme or problem in Asian philosophy. The content varies from semester to semester. May be repeated once under a different subtitle. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

325. PHILOSOPHY OF RELIGION 4 hours credit

Promotes understanding of religious experience by focusing on a variety of its aspects, such as worship, prayer, vocation, mysticism, secularity and the encounter with evil. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

330. THEORY OF KNOWLEDGE 4 hours credit

Examines the sources, types, methods, structure and validity of knowledge. A study is made of classical, modern and contemporary sources of meaning, truth and perception giving students an acquaintance with, and appreciation of, the scope and limits of knowledge. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

335. PHILOSOPHY OF SCIENCE 4 hours credit

Critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. May not receive credit for both PHIL 335 and 406. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

399. INTERNATIONAL STUDIES IN PHILOSOPHY 4 hours credit

Study abroad course that focuses on historical or contemporary philosophical issues that relate to the country in which the course is taught. May be taken twice for credit under different subtitles. **Prerequisite:** Permission of instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

401. MORAL THEORY 4 hours credit

Examines the foundations and nature of morality. A study of metaethical and normative ethical questions, such as: Are claims about morals objective? If so, what makes them so? Are there general principles or rules that we should follow? Or is morality best understood in terms of virtues? **Prerequisites:** Two philosophy courses. **Three hours per week with enhancement.**

402. THE PROBLEM OF GOD 4 hours credit

Involves students in thinking through the ultimate questions philosophy asks about God's nature and existence. Attention given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism and the meaningfulness of human speech about God. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week with enhancement.**

405. CONTEMPORARY CONTINENTAL PHILOSOPHY 4 hours credit

Treats questions raised by philosophers writing in the wake of Heidegger and the existentialist tradition. Areas of discussion include feminism, foundationalism, embodiment, psychoanalysis, deconstruction, epistemology, ethics and theology. **Prerequisites:** Two philosophy courses or permission of instructor. **Three hours per week with enhancement.**

408. METAPHYSICS 4 hours credit

Examines a variety of philosophical theories which propose a portrait of reality as a whole and are evaluated in terms of their ability to respond to ultimate questions we raise about being, matter and the absolute. Considers whether it is possible for us to achieve a comprehensive knowledge of reality. May not receive credit for both PHIL 306 and 408. **Prerequisites:** Two philosophy courses or permission of instructor. **Three hours per week with enhancement.**

450. PHILOSOPHICAL CONCEPTS IN LITERATURE 4 hours credit

Examines a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. Theme varies semester to semester. **Prerequisites:** ENGL 103 and one philosophy course or permission of instructor. **Three hours per week with enhancement.**

475. SEMINAR IN PHILOSOPHY 4 hours credit

Offers advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. Content varies semester to semester. May be repeated for credit with faculty approval. **Prerequisite:** Permission of instructor. **Three hours per week with enhancement.**

490. INDEPENDENT STUDY 1-4 hours credit

Tutorial course in a specific problem of philosophy, a particular philosopher or a particular period of philosophy. Open to junior and senior students, conditional on faculty member's consent. May be repeated for credit with faculty approval. **Prerequisite:** Permission of instructor. **Up to four hours per week.**

497. RESEARCH IN PHILOSOPHY 4 hours credit

Provides advanced philosophy students an opportunity to study an area of philosophy in more depth than is possible in the traditional classroom setting. Working with a faculty mentor, students will choose an area of philosophical inquiry, study the relevant philosophical literature in that area and produce a substantial paper worthy of presentation at an undergraduate philosophy conference. Course may be taken twice for credit. **Prerequisite:** Junior status. **Three hours per week with enhancement.**

502. THE PROBLEM OF GOD 3 hours credit

Involves students in thinking through the ultimate questions philosophy asks about God's nature and existence. Attention given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism and the meaningfulness of human speech about God. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week.**

550. PHILOSOPHICAL CONCEPTS IN LITERATURE 3 hours credit

Examines a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. Theme varies semester to semester. **Prerequisite:** One philosophy course or permission of instructor. **Three hours per week.**

575. SEMINAR IN PHILOSOPHY 3 hours credit

Offers advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. Content varies semester to semester. May be repeated for credit with faculty approval. **Prerequisite:** Permission of instructor. **Three hours per week.**

590. INDEPENDENT STUDY 1-3 hours credit

Tutorial course in a specific problem of philosophy, a particular philosopher or a particular period of philosophy. Open to junior and senior students, conditional on faculty member's consent. May be repeated for credit with faculty approval. **Prerequisite:** Permission of instructor. **Up to three hours per week.**

PHYSICAL EDUCATION (PHEC)

103. SELF-DEFENSE 1 hour credit

Application of knowledge of pressure points and leverages in the protection of one's self. **Two hours per week. (P/F)**

105. BEGINNING SWIMMING 1 hour credit

Fundamental skills of swimming with emphasis on basic stroke and safety techniques. **Two hours per week. (P/F; fall semester only)**

107. PERSONALIZED HEALTH/FITNESS II 1 hour credit

Provides students opportunities to explore additional physical activity experiences to achieve the health/fitness goals

established in FTWL 106. **Prerequisite:** FTWL 106. **Two hours per week. (P/F)**

121. BASKETBALL 1 hour credit

Fundamental skills, techniques, rules and strategy of basketball. **Two hours per week. (P/F; spring semester only)**

123. BEGINNING GOLF 1 hour credit

Fundamental skills, techniques, rules and strategy of golf. **Two hours per week. (P/F)**

125. RACQUETBALL 1 hour credit

Fundamental skills, rules and strategy of racquetball techniques. **Two hours per week. (P/F)**

126. BEGINNING TENNIS 1 hour credit

Fundamental skills, techniques, rules and strategy of tennis. **Two hours per week. (P/F)**

146. VOLLEYBALL 1 hour credit

Fundamental skills, techniques, rules and strategy of volleyball. **Two hours per week. (P/F)**

147. BADMINTON 1 hour credit

Fundamental skills, techniques, rules and strategy of badminton. **Two hours per week. (P/F)**

150. INTERMEDIATE TENNIS 1 hour credit

Thorough coverage of intermediate skills, strategy, rules and scoring through participation in the sport. **Two hours per week. (P/F)**

170. INTERMEDIATE SWIMMING 1 hour credit

Refines and increases the student's fundamental skills of swimming. Covers crawl stroke, elementary backstroke, breast stroke, sidestroke, inverted breast stroke, back crawl stroke, trudgeon, double trudgeon, trudgeon crawl, butterfly stroke and basic diving skills. **Prerequisite:** PHEC 105 or permission of instructor. **Two hours per week. (P/F)**

201. WILDERNESS FIRST AID 3 hours credit

Introduction to the principles of first aid in wilderness settings, including patient or sub-assessment and care for open wounds, infection, fractures, dislocations and other life-threatening conditions. Study of strategies for providing care in inclement weather and with alternative standard equipment. Special focus is placed upon evacuation techniques as well as best practices for monitoring and documenting patient status. Certification available. Weekend off-campus field experience required. Course fees apply; contact minor coordinator. **Three hours per week.**

203. LIFEGUARD TRAINING 1 hour credit

Study and application of the most current aquatic standards and techniques with emphasis on professionalism, prevention, surveillance, victim recognition, equipment-based rescues, CPR and aquatic-specific first aid training. American Red Cross certification awarded to those who meet requirements. **Prerequisite:** PHEC 170 or permission of instructor. **Two and one-half hours per week.**

205. WATER SAFETY INSTRUCTOR 2 hours credit

Preparation for teaching aquatic skills. Emphasis on skill development, learning theories, teaching methods and

aquatic safety. **Prerequisite:** PHEC 170 or permission of instructor. **Two and one-half hours per week.**

209. CAMPING AND BACKPACKING

3 hours credit

Instruction, preparation and participation in camping and backpacking activities. Emphasizes knowledge, skills and attitudes for outdoor pursuits, and encourages awareness and respect for the natural environment. Weekend off-campus field experience required. Course fees apply; contact minor coordinator. **Prerequisite:** PHEC 201. **Three hours per week.**

210. SCUBA DIVING

3 hours credit

Fundamental skills, techniques, knowledge and laws of scuba diving. Emphasis on safety and recreational diving. **Prerequisite:** PHEC 105 or permission of instructor. **Three hours per week.**

213. PREVENTION AND MANAGEMENT OF EXERCISE INJURIES

3 hours credit

Prevention, treatment and management of injuries and physical disabilities that effect exercise. Influence of training and program design on adaptations associated with diseases, functional disabilities and injuries that affect strengthening techniques. Theoretical and practical experience in exercise design and prescription for healthy and special-needs populations. Crosslisted with EXSC 213. **Three hours per week.**

220. CANOEING AND KAYAKING

3 hours credit

This experiential course introduces basic skills of flat water canoeing and whitewater kayaking while running rapids of moderate difficulty. Instruction covers paddling skills, equipment and selection, water reading, river tactics, trip planning, safety practices, rescue techniques, tides and currents, wind and weather and hypothermia. American Canoe Association Certification available. Course fees apply; contact minor coordinator. **Prerequisites:** PHEC 201. **Three hours per week.**

221. WILDERNESS NAVIGATION

3 hours credit

Study of techniques for navigating in wilderness settings, including topographical map reading, orienteering and the use of global positioning systems. Study of alternative methods of navigation, and testing and application of skills in classroom and outdoor settings. Weekend off-campus field experience required. Course fees apply; contact minor coordinator. **Prerequisite:** PHEC 201. **Three hours per week.**

290. SELECTED STUDIES IN PHYSICAL EDUCATION

1-2 hours credit

Provides opportunities for short-term needs of students and/or faculty. Affords avenue for course experimentation and innovation at the introductory level. May be repeated under different subtitles for a maximum of six credits.

291. INDEPENDENT STUDY

1-3 hours credit

Independent study of issues in physical education. May be repeated for a maximum of six hours. **Prerequisite:** Permission of instructor and department chair.

330. ATHLETIC COACHING

3 hours credit

Introduction to the principles and practices of coaching. Emphasis on educational and motivational variables present in the medium of athletics. **Three hours per week. (spring semester only)**

331. COACHING YOUTH SPORTS

3 hours credit

Designed to prepare individuals to coach children in athletic

activities. Emphasis is placed on communicating the essentials of a sport to children at an early stage of development (6-10 years old). Discussion focuses on the coach as a teacher and the influence of the coach's behavior on the outcome of sporting events and the development of the child. Assignments and activities are designed to demonstrate ways to help children develop healthy bodies and positive self-images through participation in athletics and to identify techniques that promote positive discipline both on and off the playing field and plan strategies to involve parents in positive ways. **Prerequisites:** PHEC 330, current community CPR certification. **Three hours per week.**

370. CAMP LEADERSHIP AND MANAGEMENT

3 hours credit

Study of the history, objectives and trends of organized camping, including organization of day, residential and high-adventure camps. Learn administrative best practices for staff hiring and training, techniques of camp counseling, program planning and an introduction to campcraft skills. Course fees apply; contact minor coordinator. **Prerequisite:** PHEC 201. **Three hours per week. (spring semester only)**

371. OUTDOOR LEADERSHIP TECHNIQUES

3 hours credit

Study of techniques for planning, promoting and leading outdoor adventure activities with special emphasis on understanding leadership theory, minimizing risk and liability, and promoting sustainable practices. Weekend off-campus field experience required. Course fees apply; contact minor coordinator. **Prerequisite:** PHEC 201. **Three hours per week.**

408. MOVEMENT EDUCATION

3 hours credit

Analysis of the elements of human movement with practical applications to the teaching of physical education in grades K-12. Methods, materials, historical development, readings, practice. **Three hours per week.**

471. SPORT FOR DEVELOPMENT, PEACE AND SOCIAL CHANGE

3 hours credit

Explore the contextual factors that facilitate the use of sport as a psychosocial and development intervention, apply related sociological and psychological theory, and examine current international programs that utilize sport for development and psychosocial programming. Provide the skills to identify steps involved in planning a sport program for addressing development, peace and social change issues. **Prerequisite:** ENGL 103; SOCI 101 or CADR 200. **Three hours per week.**

472. EXPERIENTIAL LEARNING AND METHODS OF TEACHING OUTDOOR ACTIVITIES

3 hours credit

Introduces students to experiential, adventure-based education. Study and practice principles and theories of leadership education within a cooperative learning approach. May not receive credit for both PHEC 372 and PHEC 472. Course fees apply; contact minor coordinator. **Three hours per week.**

479. PRACTICUM

3-12 hours credit

Supervised internship or field placement in the area of human movement studies providing opportunities for experiential learning at an advanced level. Students pursue full-time professional assignments with an agency or organization which provides services related to the students' preparation in physical education. Credit for the practicum may range from three to 12 credits per semester, depending upon the experience. May be repeated for a total of 12 credit hours. **Prerequisites:** Completion of core and track requirements. **Corequisite:** PHEC 480.

480. SEMINAR

3 hour credit

Complements the practicum experience (PHEC 479). Students meet weekly to consider problems and issues encountered in the practicum. Encourages the synthesis of theory and practice through specific assignments and exercises chosen by the instructor. **Prerequisites:** Completion of core and track requirements. **Corequisite:** PHEC 479. **One hour per week.**

490. SELECTED TOPICS IN PHYSICAL EDUCATION

1-3 hours credit

Provides opportunities for short-term needs and interest of students/faculty. Affords avenue for curriculum experimentation and innovation at an advanced level. Student may earn a maximum of six credits.

491. INDEPENDENT STUDY

1-3 hours credit

Advanced independent study of issues in physical education. May be repeated for a maximum of six hours.

572. ADVENTURE-BASED LEADERSHIP EDUCATION

3 hours credit

Introduces students to experiential, adventure-based education. Students study and practice principles and theories of leadership education within a cooperative learning approach. **Three hours per week.**

590. SELECTED TOPICS IN PHYSICAL EDUCATION

1-3 hours credit

Provides opportunities for short-term needs and interest of students/faculty. Affords avenue for curriculum experimentation and innovation at an advanced level. Student may earn a maximum of six credits.

PHYSICAL EDUCATION - TEACHER EDUCATION (PHED)

135. FOUNDATIONS OF PHYSICAL EDUCATION

3 hours credit

Introduction to the historical and philosophical foundations of physical education, fitness and sport. Includes instructional and self-assessment strategies in preparation for engagement in professional practice. May not receive credit for both PHED 135 and PHED 235. **Three hours per week.**

175. INTRODUCTION TO TEACHING FITNESS AND WELLNESS

4 hours credit

Provides information, strategies and resources to assist future physical educators or related professionals to lead health-related fitness activity. Engage in the application of health-related activities through planning and implementing such activities in small and large peer group applications, including individual and group exercise, strength training and aquatics. May not receive credit for both PHED 175 and PHED 108. Meets General Education V for athletic training, health education and physical education majors. **Prerequisite:** Health education and physical education teacher education majors only; PHEC 105 or intermediate swimming skills as determined by program area faculty. **Three hours lecture, three hours laboratory per week.**

245. MOVEMENT ACTIVITIES

3 hours credit

Introduction designed to assist preservice physical educators in identifying the connections between curricular concepts and movement education through the basis of national standards specific to grades K-12. Content includes the lesson planning and teaching of movement concepts, integrated les-

sons, and movement education enhanced by technology. **Three hours per week.**

260. TEACHING TEAM SPORTS CONCEPTS AND TACTICS I

3 hours credit

Application of fundamental skills and teaching progressions for game concepts and tactics in team sports. Emphasis on sequential development of tactical complexity including offensive and defensive strategies. May not receive credit for both PHEC 344 and PHED 260. **Three hours per week. (spring semester only)**

263. TEACHING TEAM SPORTS CONCEPTS AND TACTICS II

3 hours credit

A continuation of the application of fundamental skills and teaching progressions for game concepts and tactics in the field and court category. Emphasis on sequential development of tactical complexity including offensive and defensive strategies. **Three hours per week.**

275. MANAGEMENT AND INSTRUCTIONAL STRATEGIES IN PHYSICAL EDUCATION

4 hours credit

Introduction to management and instructional strategies specific to teaching physical education in grades K-12. Content includes rationale for skill progressions, scope and sequence of physical education curriculum, and program planning. **Three hours lecture, two hours laboratory per week.**

350. ASSESSMENT IN PHYSICAL EDUCATION

3 hours credit

Provides teacher candidates with the skills needed to design and implement assessment strategies relevant to K-12 physical education. These assessment strategies are designed for the candidate to understand the link between student assessment and student learning as well as teacher planning and physical education class content. **Prerequisite:** Entrance to the Professional Teacher Education Program. **Three hours per week.**

351. PSYCHOSOCIAL ASPECTS OF PHYSICAL EDUCATION

3 hours credit

Interaction of physical education (sports) with the psychology and sociological development of the individual. May not receive credit for both PHEC 451 and PHED 451/351. **Three hours per week.**

352. MOTOR LEARNING

3 hours credit

Study of motor skill performance and learning. Topics include information processing, motor programs, individual differences, transfer, practice organization and feedback. Credit may not be received for both PHED 352 and 255. **Three hours per week.**

375. CONTEMPORARY CURRICULUM AND ANALYSIS OF TEACHING IN PHYSICAL EDUCATION

3 hours credit

Study of contemporary curriculums, principles and planning concepts with an emphasis on the analysis of effective teaching practices in physical education. Defines curriculum, explores the basis for curriculum planning, establishes an organizational plan for developing curriculum, and analyzes and assesses an established physical education program. Effective teaching practices and current issues and trends in systematic reflection are examined. **Prerequisite:** Entrance to the Professional Teacher Education Program. **Three hours per week.**

400. ADAPTED PHYSICAL EDUCATION

4 hours credit

Designed for physical education students preparing to enter

the teaching field in K-12 education. Those students preparing for careers in health, recreation or youth-centered programs may also be served. Components include an overview of special education and adapted physical education, inclusion, developmental disorders, intellectual and physical disabilities, strategies for meeting individual needs, education through physical activity, designing appropriate goals, and understanding the Individual Education Plans (IEP) process as it relates to physical education. Provides opportunities for the acquisition of knowledge and skills required to meet the educational needs of students with disabilities in physical education as outlined by current legislation. Students gain practical experience in the adapted physical education setting with local schools. **Prerequisite:** Entrance to the Professional Teacher Education Program. **Three hours lecture, two hours laboratory per week.**

410. ELEMENTARY SCHOOL PHYSICAL EDUCATION 4 hours credit

Analysis of elementary school physical education teaching methods, program implementation and curricula. Emphasis on teaching effectiveness through reflective problem solving. Includes a field-based practicum experience at a local elementary school. Credit may not be received for both EDUC 343 and PHED 410. **Prerequisite:** Admission in Internship I. **Three hours lecture, eight hours practicum per week.**

420. SECONDARY SCHOOL PHYSICAL EDUCATION 4 hours credit

Analysis of secondary school physical education teaching methods, program implementation and curricula. Emphasis on teaching effectiveness through reflective problem solving. Includes a field-based practicum experience at a local secondary school. Credit may not be received for both EDUC 371 and PHED 420. **Prerequisite:** Admission in Internship I. **Three hours lecture, eight hours practicum per week.**

470. INTERNSHIP II IN ELEMENTARY PHYSICAL EDUCATION

6 hours credit each

Directed student internship experience in K-12 schools under the direction of the mentor teacher and University supervision. Half the experience in elementary physical education teaching and half semester in secondary physical education. A grade of NR will be assigned to candidates who satisfactorily complete PHED 470 until successful completion of PHED 471. Credit may not be received for both EDUC 403 and PHED 470. **Prerequisites:** Admission to Professional Teacher Education Program and student teaching criteria. **Corequisites:** PHED 471, 481. (P/F)

471. INTERNSHIP II IN SECONDARY PHYSICAL EDUCATION

6 hours credit each

Directed student internship experience in K-12 schools under the direction of the mentor teacher and University supervision. Half the experience in elementary physical education teaching and half semester in secondary physical education. A grade of NR will be assigned to candidates who satisfactorily complete PHED 470 until successful completion of PHED 471. Credit may not be received for both EDUC 404 and PHED 471. **Prerequisites:** Admission to Professional Teacher Education Program and student teaching criteria. **Corequisites:** PHED 470, 481. **Three hours per week.** (P/F)

481. SEMINAR IN PHYSICAL EDUCATION 3 hours credit

Critical analysis of the decisions made by student interns in K-12 schools. Emphasis upon identifying possible solutions for problems interns face during K-12 student internship. May not receive credit for EDUC 478 and PHED 481. **Corequisites:** PHED 470, 471. (P/F)

PHYSICS (PHYS)

101. PHYSICAL SCIENCE 4 hours credit

Introduces students to the fundamental concepts of the physical sciences. The course will emphasize practical applications, especially those which integrate all of the natural sciences. Credit may not be received for both CHEM 101 and PHYS 101. **Prerequisite:** This course assumes an understanding of college algebra. MATH 130 is recommended. This course is for elementary education majors. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

108. INTRODUCTION TO ASTRONOMY 4 hours credit

Survey of modern astronomy for non-science majors. Basic physics concepts utilized to study the night sky, light, optics and telescopes, planets, the moon and sun, stars, nebulae, galaxies and the universe. Some night observations required. May not be taken for credit if student already has credit for PHYS 109. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

109. PRINCIPLES OF ASTRONOMY 3 hours credit

Introductory course for non-science majors. Principles of astronomy are developed in a conceptual way. Topics covered include scale of the universe, a guide to the sky, cycles of the sun and moon, atoms and spectra, the sun and stars, structure and evolution of stars, the Milky Way and other galaxies, the solar system, and life on other worlds. May not be taken for credit if student already has credit for PHYS 108. **Three hours lecture per week. Meets General Education IVB.**

121. GENERAL PHYSICS I 4 hours credit

Introduction to Newtonian mechanics and applications. Topics include kinematics, dynamics, rotational motion, equilibrium, conservation laws and fluids. Not intended for physics or chemistry majors. **Recommended Prerequisite:** College algebra. **Three hours lecture, two hours laboratory per week. Meets General Education IVA or IVB.**

123. GENERAL PHYSICS II 4 hours credit

Continuation of general physics. Topics include basic concepts of electricity and magnetism, wave motion, optics and modern physics. **Prerequisite:** PHYS 121. **Three hours lecture, two hours laboratory per week. Meets General Education IVB.**

221. PHYSICS I 4 hours credit

Introduction to calculus-based Newtonian mechanics for students majoring in physics, engineering and chemistry. Topics include: kinematics, Newton's laws, conservation laws and rotational motion. **Prerequisite or Corequisite:** MATH 201. **Six hours lecture/activity per week. Meets General Education IVA or IVB.**

223. PHYSICS II 4 hours credit

Continuation of introductory physics. Topics include: electrostatics, current and resistance, DC and AC circuit analysis, magnetic fields, induction, electromagnetic waves and geometrical and wave optics. **Prerequisite:** PHYS 221. **Prerequisite/Corequisite:** MATH 202. **Six hours lecture/activity per week.**

225. PHYSICS III 3 hours credit

Continuation of introductory calculus-based physics. Topics include: static equilibrium and elasticity, fluid mechanics, wave motion and thermodynamics. **Prerequisite:** PHYS 221. **Prerequisite/Corequisite:** MATH 202. **Four hours lecture/activity per week.**

309. MATHEMATICAL PHYSICS 3 hours credit

Survey of many important mathematical tools of classical physics. Topics include: coordinate systems, complex algebra, linear algebra, Fourier series, special functions, differential equations and vector calculus. Computer algebra system software is used. **Prerequisite:** PHYS 225. **Prerequisite/Corequisite:** PHYS 223, MATH 310. **Four hours lecture/activity per week.**

311. ELECTRICAL CIRCUITS AND ELECTRONICS 4 hours credit

Survey of basic principles of electric circuits and modern electronics. Topics include AC and DC circuits, Thevenin's and Norton's theorems, transient analysis, power supplies, diodes and transistors, operational amplifiers and an introduction to circuit simulation programs. **Prerequisite:** PHYS 309. **Prerequisite/Corequisite:** MATH 311. **Three hours lecture, three hours laboratory per week.**

313. INTRODUCTION TO MODERN PHYSICS 3 hours credit

Survey of physics concepts developed since 1880. Topics include blackbody radiation, photoelectric effect, special relativity, quantization, uncertainty principle and introductory atomic, nuclear and solid state physics. **Prerequisite:** PHYS 309. **Prerequisite/Corequisite:** MATH 311. **Four hours lecture/activity per week.**

314. MECHANICS 3 hours credit

Theory and application of Newtonian mechanics with an introduction to the Lagrange formalism. Major topics include kinematics and dynamics of single particles and systems of particles, rigid bodies, noninertial reference frames and the simple harmonic oscillator. **Prerequisites:** PHYS 313. **Four hours lecture/activity per week.**

315. ELECTRICITY AND MAGNETISM 3 hours credit

Study of electricity and magnetism. Topics include Coulomb's law, electric and magnetic fields, electromagnetic induction, Maxwell's equations and an introduction to electromagnetic waves. **Prerequisites:** PHYS 313. **Four hours lecture/activity per week.**

316. INTRODUCTION TO QUANTUM MECHANICS 3 hours credit

Introduction to the principles of quantum mechanics. Topics include wave mechanics, Schrodinger's equation, Fourier techniques, operator formalism, correspondence and uncertainty principles, harmonic oscillator and hydrogen atom. **Prerequisites:** PHYS 309, 313, 314. **Four hours lecture/activity per week.**

317. ASTROPHYSICS AND STELLAR ASTRONOMY 3 hours credit

Physical and mathematical principles applied to the study of astronomy, binary stars, stellar structure and evolution, galactic and extragalactic astronomy, quasars and cosmology. No prior knowledge of astronomy required. **Prerequisites:** PHYS 223, 309. **Four hours lecture/activity per week.**

318. SEMICONDUCTOR PHYSICS 3 hours credit

Mathematical treatment of the theory of conduction in solids

with particular attention to semiconductors. Topics include band theory of solids, conduction in metals and crystals, intrinsic and extrinsic semiconductors, two-terminal and three-terminal devices. **Prerequisites:** PHYS 309, 313, MATH 311. **Four hours lecture/activity per week.**

319. THERMODYNAMICS AND STATISTICAL MECHANICS 3 hours credit

Introduction to statistical mechanics and thermodynamics. Topics include laws of thermodynamics, paramagnetism, heat capacity of solids, perfect classical gas, phase equilibria and perfect quantal gas. **Prerequisites:** PHYS 309, 314. **Three hours per week.**

320. WAVE OPTICS 3 hours credit

Study of light as a wave phenomenon. Topics include nature of light, propagation, reflection, refraction, interference, diffraction, lasers and holography. **Prerequisites:** PHYS 223, 309, MATH 311. **Four hours lecture/activity per week.**

321. ANALOG ELECTRONICS 3 hours credit

Study of analog electronic devices and systems. Topics include operational amplifiers, active filters, oscillators and function generators, linear integrated circuits. **Prerequisite:** PHYS 311. **Four hours lecture/activity per week.**

322. DIGITAL ELECTRONICS 4 hours credit

Study of the basic concepts of digital electronics, with emphasis on modern TTL and CMOS integrated circuits. Topics include gates, combinational and sequential logic circuits, flip-flops, counters, shift registers, multiplexers, decoders and multivibrators. Credit may not be received for both PHYS 322 and COSC 250. **Prerequisite:** PHYS 223. **Three hours lecture, three hours laboratory per week.**

395. INTERMEDIATE PHYSICS RESEARCH 3 hours credit

Intermediate level, individual research project in physics under supervision of a member of the faculty. Written report and seminar presentation required. May be repeated for up to six credits. **Prerequisites:** Eight credits of physics and departmental approval. **Six hours per week.**

399. INTERMEDIATE SPECIAL TOPICS IN PHYSICS 1-3 hours credit

Study of specific area of physics at the sophomore or junior level. Topic varies semester to semester. May be repeated for up to six credits. **Prerequisite:** Permission of instructor. **One to three hours lecture per week or lab-lecture equivalent.**

407. SENIOR LABORATORY 3 hours credit

Exploration of physics through experimentation. Topics include atomic, nuclear and solid state physics; electricity and magnetism, mechanics, optics; and thermodynamics. **Prerequisites:** PHYS 311, 313. **Four hours lecture/activity per week.**

410. ADVANCED MATHEMATICAL PHYSICS 3 hours credit

Survey of advanced mathematical topics used in physics, including linear operators, functions of a complex variable, partial differential equations, Hilbert spaces and group theory. **Prerequisites:** PHYS 309, MATH 311. **Four hours lecture/activity per week.**

413. COMPUTER ARCHITECTURE AND INTERFACING 3 hours credit

Architecture, programming and interfacing of one or two representative processors. Instruction sets and assembly lan-

guage programming. Interfacing of memory and support chips such as USART. Programmable controllers, timers and peripheral I/O devices. Serial and parallel port interfacing. **Prerequisites:** PHYS 311, 322. **Four hours lecture/activity per week.**

414. ADVANCED MECHANICS 3 hours credit

Advanced study of Newtonian mechanics based on concepts introduced in PHYS 314. Topics include Lagrangian and Hamiltonian formalism, calculus of variations, rigid bodies, small oscillations, fluid mechanics. **Prerequisite:** PHYS 314. **Three hours per week.**

450. INTERNSHIP/CO-OP IN PHYSICS 3 hours credit

Work experience in which qualified students use knowledge of physics in a professional setting. Students summarize experiences in written reports with seminar presentations. **Prerequisites:** Twenty-four hours of physics, permission of department chair. **Six hours per week.**

470. SENIOR SEMINAR 1 hour credit

Senior seminar for physics majors. Introduction to research practices. Preparation for PHYS 475 or PHYS 490 projects. **Prerequisite:** 30 hours of physics or departmental approval. **One hour per week.**

475. CAPSTONE DESIGN PROJECT 2 hours credit

Application of classroom learning to a real-world problem. Projects involve application of electronics and computers: e.g. robotics, CAD/CAM, microcontrollers, environmental monitoring, DSP, ASIC design, microwave and communication circuits, mechatronics and process control. **Prerequisites:** PHYS 413 and 470, or permission of instructor.

490. RESEARCH IN PHYSICS 2 hours credit

Research project in one of the areas of physics chosen, designed and carried out by student with the advice and approval of a faculty member. Actual work may be carried out at off-campus sites. Written report, seminar presentation required. **Prerequisites:** PHYS 470 and 40 credits of physics (or senior standing) and department chair approval.

499. SPECIAL TOPICS IN PHYSICS 1-3 hours credit

Study of a specific advanced area of physics. Topic varies semester to semester. May be repeated for up to six credits. **Prerequisite:** Senior standing and department chair approval. **One to three hours lecture per week or lab-lecture equivalent.**

590. SPECIAL TOPICS IN PHYSICS EDUCATION 3 hours credit

Study of specific area of physics and physics education. This physics education course is aimed primarily at in-service teaching professionals wanting to enhance their knowledge of basic physics principles and phenomena and do so by exploring best practice pedagogical inquiry-based instruction techniques. Topics vary from semester to semester. May be taken twice for credit under different subtitles. **Three hours per week.**

POLITICAL SCIENCE (POSC)

101. INTRODUCTION TO POLITICS AND GOVERNMENT 4 hours credit

Introduction to the study of political science that discusses the nature of politics, the role of government in society and the processes involved in the governing of humans. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

102. CONTEMPORARY ISSUES 4 hours credit

Examines how the American political system responds to major issues facing the nation. The politics of recent issues such as civil rights, Watergate, the environment and the energy crisis, along with current issues, discussed in detail. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

110. AMERICAN NATIONAL GOVERNMENT 4 hours credit

Comprehensive examination of the American political process which analyzes the role of the Constitution, the organization and function of the presidency, Congress, Supreme Court, political parties and interest groups and the distribution of power within American society. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

200. POLITICAL IDEOLOGIES 4 hours credit

Analysis of political ideologies, emphasizing their role as both justifications for and radical critiques of existing social, economic and political structures and processes. Covers a number of ideologies, including fascism, liberalism, socialism and communism. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

202. STATE AND LOCAL GOVERNMENT IN THE UNITED STATES 4 hours credit

Examination of state and local governments in terms of how political power is organized and policies adopted. Focuses on forms of governing that encourage citizen participation. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

204. TOPICS IN POLITICAL SCIENCE 4 hours credit

Analysis of recent international or national issues which helps students understand the complex contemporary political environment. May be taken twice under different course titles. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

205. WOMEN IN POLITICS 4 hours credit

Study of the recent history and politics of women's rights in the U.S. and the impact of the women's movement in its various manifestations. Examines the route to political activism taken by women and the issues that unite and divide them. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

210. INTRODUCTION TO INTERNATIONAL RELATIONS 4 hours credit

Introduces students to contemporary issues in world affairs: state creation and "failed" states, balance of power, wars, nuclear proliferation and arms control. Addresses global trade, monetary, development and environmental problems, as well as regional integration and the role of the World Bank and MNCs. Examines the use of international law, diplomatic negotiation and the UN to resolve international conflicts.

Three hours per week with enhancement. Meets General Education IIIB or IIIC.

211. COMPARATIVE POLITICS OF LATIN AMERICA 4 hours credit

Introduces the political structures, cultures, institutions and actors in Latin America. Covers political conflict, including revolutions, coups and social movements; processes of democratization and evaluations of democratic performance; policies of economic development and reform; and connections between domestic and regional policies. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

213. WAR AND PEACE IN THE MIDDLE EAST 4 hours credit

Introduction to the causes of interstate conflict in the Middle East and to the opportunities for peace in the region. Examines the impact of Great Power competition, the regional balance of power, the rise of religious fundamentalism and the struggle for control of resources. Includes an analysis of the Arab-Israeli conflict, as well as other examples of conflict and accommodation in the region. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

215. AMERICAN FOREIGN POLICY 4 hours credit

Emphasizes areas of foreign policy: the individuals, organizations and procedures involved in foreign policy making; the major approaches of U.S. foreign policy; and current issues. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

220. COMPARATIVE GOVERNMENT OF EAST ASIA 4 hours credit

Survey of important topics for understanding of East Asian politics today. Emphasis on format and functions of political institutions, historical background, democratization, economic development, social problems and foreign relations. **Prerequisite:** POSC 101, 110 or 210. **Three hours per week with enhancement.**

230. JUDICIAL PROCESS AND POLITICS 4 hours credit

Examines the structure and role of courts in the American political process. State and federal court systems and the role of judges are explored. Emphasis is on how courts function within the legal and political environment while acting as policy makers. **Three hours per week with enhancement.**

300. METHODS OF EMPIRICAL POLITICAL ANALYSIS 4 hours credit

Focuses on student-developed research projects that utilize the scientific method and the collection and analysis of quantitative data, especially public opinion polls. The use of computers and statistics in political science research emphasized. **Prerequisites:** POSC 101 or 110, junior standing. **Three hours lecture, one two-hour laboratory per week.**

301. POLITICAL PARTIES AND PRESSURE GROUPS 4 hours credit

Descriptive and analytical examination of American political parties and pressure groups with attention to political socialization and voting behavior. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

310. COMPARATIVE EUROPEAN GOVERNMENT 4 hours credit

Comparative study of the government systems, political processes, leadership, political parties, elections and current political issues in Britain, France and Germany and an overview of the European community. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

311. COMPARATIVE GOVERNMENT OF DEVELOPING NATIONS 4 hours credit

Comparative study of the historical backgrounds, ideological foundations, leadership, opposition groups, political processes and current issues in the governmental systems of selected developing countries. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

313. COMPARATIVE POLITICS OF THE MIDDLE EAST 4 hours credit

Examines the conditions and variables that affect the content and conduct of politics within the states of the Middle East with an emphasis on the impact of socioeconomic factors, culture, religious belief systems, gender roles, ethnic and national identities, secular ideologies, and foreign penetration upon political behavior in the region. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

315. THE PRESIDENCY IN AMERICAN POLITICS 4 hours credit

Helps students develop a deeper understanding of the American presidency's relationship to other governmental and nongovernmental institutions in the American political system. Particular attention paid to the implications and consequences of these relationships for democratic society. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

320. PUBLIC POLICY ANALYSIS 4 hours credit

In-depth study of the governmental decision-making process within the American federal government. Provides students with an explanation of the primary governmental activities associated with the basic steps in the policy-making process. Some of these steps include policy formulation, implementation and evaluation. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

330. AMERICAN CONSTITUTIONAL DEVELOPMENT 4 hours credit

Study of the principles, nature and meaning of the U.S. Constitution as determined by the holdings and opinion of the Supreme Court. Emphasis on the historical development of the Constitution and a study and analysis of the U.S. court system, judicial review, separation of powers, commerce powers and powers of Congress and the president. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

340. POLITICAL SCIENCE INTERNSHIP 3-9 hours credit

Helps students learn about political behavior and policy problems as participant-observers in a government organization at the national, state or local level. May be taken three times for a total of nine credits. **Prerequisites:** POSC 101 or 110, permission of instructor. (P/F)

341. POLITICAL SCIENCE INTERNSHIP SEMINAR 3 hours credit

Places an intern's work experience within a broader, analytical perspective. Interns thoroughly examine existing research on the relevant governmental agency and relate the findings of this research to their own internship experiences. Designed to be taken with POSC 340. **Prerequisites:** POSC 101 or 110, permission of instructor.

360. ENVIRONMENTAL POLICY 4 hours credit

Overview of national and global environmental policies in the U.S. Examines individual policies including their content, their adoption, the regulatory process and their effect on environmental quality. Role of the political actors and the political process in environmental policy-making explored.

Prerequisite: POSC 101 or 110. **Three hours per week with enhancement. Three hours per week. Meets General Education IIB or IIC.**

370. DEMOCRACY 4 hours credit

Explores both the idea of democracy and its possibilities for realization in human society. Advocates and critics of democracy, both old and contemporary, are examined. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

390. INTERNATIONAL FIELD STUDY 4-8 hours credit

On-site study of the politics, history, economy and culture of selected countries. Work in the field preceded by pre-tour lectures and readings. May be repeated once for credit. Number of credits offered to be determined by the department.

399. HONORS INTERDISCIPLINARY 4 hours credit

Examines topics of broad trans-disciplinary scope and interest in conjunction with one or more other departments. **Three hours per week with enhancement.**

401. POLITICAL THEORY 4 hours credit

Survey of political thought based on the analysis of ideas of modern theorists, including the historical setting of major theories, their impact on political institutions and social changes and their contemporary significance. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

408. POLITICAL VIOLENCE AND TERRORISM 4 hours credit

Investigates the political, social, cultural, economic and psychological roots of several types of political violence: international terrorism, state terrorism, inter-communal and secessionist violence, genocide, revolution and civil war. For each type of violence, the course examines theories that explain the cause of violence and case examples from historical experience. **Prerequisite:** Junior standing. **Three hours per week with enhancement.**

409. CAUSES OF WAR 4 hours credit

Explores theoretical explanations of international conflict. Major questions addressed are: What are the primary causes of war? How may war be prevented? **Prerequisite:** Junior standing. **Three hours per week with enhancement. Three hours per week. Meets General Education IIB or IIC.**

411. INTERNATIONAL LAW 4 hours credit

Survey of the general principles and specific rules of international law as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

413. INTERNATIONAL POLITICAL ECONOMY 4 hours credit

Examines the most important economic issues in the current global economy and compares and contrasts liberal, statist and Marxist theories of international political economy. Topics include the debate over globalization, the formation and operation of regional economic blocks, the goal of sustainable development and the challenge of transition in post-socialist societies. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

415. THE UNITED NATIONS SYSTEM 4 hours credit

Examines the history and evolution of the UN system. Focuses on the role of the UN in settling international disputes,

providing international order and security, promoting decolonization, promoting human and political rights, and providing for economic and social development around the world. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

417. RUSSIA AND THE SOVIET UNION 4 hours credit

Political development of Russia from the Bolshevik Revolution and Stalinism through the Gorbachev period and collapse of the U.S.S.R. Emphasis on government structure, parties, ideology, political conflict and change. Exploration of political, social, economic, environmental and foreign policy problems of the new Russian state. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week with enhancement.**

420. POLITICS OF CHINA 4 hours credit

Survey of important topics for understanding of China today. Emphasis on format and functions of Chinese political institutions, Imperial China and its fall, the rise of the Chinese Communist Party, the politics under Mao, economic reforms, social problems, and foreign relations. **Prerequisite:** POSC 101, 110 or 210. **Three hours per week with enhancement.**

430. THE CONGRESS IN AMERICAN POLITICS 4 hours credit

Analysis of the structural characteristics and functions of the United States Congress. Factors influencing congressional decision making and the importance of Congress in American political process discussed. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

440. PUBLIC ADMINISTRATION 4 hours credit

Study of the basic characteristics of modern American governmental bureaucracies, as well as the important issues public administrators face. Exploration of administrative and organizational theories. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

450. CIVIL RIGHTS AND LIBERTIES 4 hours credit

Explores civil rights and liberties of the individual under the United States constitution, including freedom of religion, speech, press, right to privacy, and race and sex discrimination. **Prerequisite:** POSC 101 or 110. **Three hours per week with enhancement.**

460. ENVIRONMENTAL LAW 4 hours credit

Introduction to the legal system and principles of environmental law. Explores the nature and sources of environmental problems, evolution of the law and the legal system's response to environmental problems. Examines laws, regulations and court decisions designed to control specific environmental problems; protect public health, safety and resources; and provide international environmental controls. Students use the case study method of legal analysis. **Prerequisite:** Junior standing. **Three hours per week with enhancement.**

480. STUDIES IN POLITICAL SCIENCE 4 hours credit

Intensive study of a specialized area of inquiry within the major subfields of political science: American government, international relations, comparative government, political theory and public policy. May be taken twice under different subtitles. **Prerequisites:** POSC 101 or 110, junior/senior class standing. **Three hours per week with enhancement.**

490. INDIVIDUAL RESEARCH 1-4 hours credit

Advanced students pursue their own research project under the direction of a faculty member, or assist a faculty member

in a research project. Involves in-depth reading program or the collection and analysis of data from primary sources. May be repeated for a maximum of six credits with faculty approval; credit beyond three hours requires approval of the department chair.

501. POLITICAL THEORY 3 hours credit

Survey of political thought based on the analysis of ideas of modern theorists, including the historical setting of major theories, their impact on political institutions and social changes and their contemporary significance. **Prerequisite:** POSC 101 or 110. **Three hours per week.**

509. CAUSES OF WAR 3 hours credit

Explores theoretical explanations of international conflict. Major questions addressed are: What are the primary causes of war? How may war be prevented? **Three hours per week.**

511. INTERNATIONAL LAW 3 hours credit

Survey of the general principles and specific rules of international law as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week.**

515. THE UNITED NATIONS SYSTEM 3 hours credit

Examines the history and evolution of the UN system. Focuses on the role of the UN in settling international disputes, providing international order and security, promoting decolonization, promoting human and political rights, and providing for economic and social development around the world. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week.**

517. RUSSIA AND THE SOVIET UNION 3 hours credit

Political development of Russia from the Bolshevik Revolution and Stalinism through the Gorbachev period and collapse of the U.S.S.R. Emphasis on government structure, parties, ideology, political conflict and change. Exploration of political, social, economic, environmental and foreign policy problems of the new Russian state. **Prerequisite:** POSC 101 or 110 or 210. **Three hours per week.**

530. THE CONGRESS IN AMERICAN POLITICS 3 hours credit

Analysis of the structural characteristics and functions of the United States Congress. Factors influencing congressional decision making and the importance of Congress in American political process discussed. **Prerequisite:** POSC 101 or 110. **Three hours per week.**

540. PUBLIC ADMINISTRATION 3 hours credit

Study of the basic characteristics of modern American governmental bureaucracies, as well as the important issues public administrators face. Exploration of administrative and organizational theories. **Prerequisite:** POSC 101 or 110. **Three hours per week.**

580. STUDIES IN POLITICAL SCIENCE 3 hours credit

Intensive study of a specialized area of inquiry within the major subfields of political science: American government, international relations, comparative government, political theory and public policy. May be taken twice under different subtitles. **Prerequisite:** POSC 101 or 110. **Three hours per week.**

590. INDIVIDUAL RESEARCH 1-3 hours credit

Advanced students pursue their own research project under the direction of a faculty member, or assist a faculty member in a research project. Involves in-depth reading program or the collection and analysis of data from primary sources. May be repeated for a maximum of six credits with faculty approval; credit beyond three hours requires approval of the department chair.

PSYCHOLOGY (PSYC)

101. GENERAL PSYCHOLOGY 4 hours credit

Survey of general principles underlying human behavior including study of the nervous system, perception, learning, emotion and personality. Experimental findings are applied to practical situations. **Three hours per week with enhancement. Meets General Education IIB or IIC.**

220. PSYCHOLOGICAL STATISTICS 4 hours credit

Methods of data analysis, including statistical concepts, calculations and computer applications. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

300. DEVELOPMENTAL PSYCHOLOGY 4 hours credit

Survey of the characteristics of and theories explaining the physical, intellectual, social and emotional development of individuals throughout the life span. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

301. BIOLOGICAL BASIS OF BEHAVIOR 4 hours credit

Introduction to the biological basis of behavior with emphasis on the anatomy and physiology of nerve cells and the nervous system, the effects of drugs on the nervous system, and other introductory topics. **Prerequisites:** PSYC 101. **Three hours per week with enhancement.**

302. ABNORMAL PSYCHOLOGY 4 hours credit

Survey of the etiology, diagnosis and prognosis of neuroses, psychoses, psychosomatic disorders, transient situational maladjustments and personality disorders, with discussions of various treatment approaches. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

304. RESEARCH METHODS 4 hours credit

Study of the scientific method and principles of research design and their application to the study of psychology. **Prerequisites:** PSYC 220. **Three hours per week with enhancement.**

305. PSYCHOLOGY OF LEARNING 4 hours credit

Survey of basic learning paradigms, including classical and operant conditioning, with an emphasis on experimental research using non-human animals. Applications of these theories are also discussed in terms of human behavior. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

306. SOCIAL PSYCHOLOGY 4 hours credit

Scientific study of the behavior and thought of individuals as a function of social stimuli. Topics include persuasion, social cognition, prejudice, attraction, aggression, pro-social behavior and group processes. **Prerequisites:** PSYC 101. **Three hours per week with enhancement.**

313. DRUGS AND BEHAVIOR**4 hours credit**

Examination of the use and misuse of drugs, both legal and illegal, from biological, historical, psychological, and social perspectives. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

320. PSYCHOLOGY OF INFANCY AND CHILDHOOD**4 hours credit**

In-depth study of the implications of and issues surrounding the physical, intellectual, social and emotional development of children from conception to adolescence. **Prerequisites:** PSYC 101 or 30 credit hours. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

321. PSYCHOLOGY OF ADOLESCENCE**4 hours credit**

Study of physical, emotional and social development of the adolescent. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

322. PSYCHOLOGY OF AGING**4 hours credit**

Comprehensive study of aging—the final developmental period in the lifespan. Topics covered include research methodology, physical aging, cognitive aging, life span developmental issues, relationships, well being and mental health. **Prerequisite:** PSYC 101. **Ten hours of volunteer work with the elderly per semester, three hours per week with enhancement.**

323. PSYCHOLOGY OF DEATH AND DYING**4 hours credit**

Exploration of attitudes and behaviors related to death. Topics include the dying patient, suicide, bereavement, ethical issues, the funeral, etc. Emphasis on developing an understanding of self and death. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

325. PSYCHOLOGY OF SEXUALITY**4 hours credit**

Scientific study of human sexuality. Topics include sexual physiology, behaviors and attitudes, love and sexual relationships, sexual health, sexual dysfunction, gender and sexual coercion. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

333. EFFECTIVE PARENTING**4 hours credit**

Offers practical techniques for dealing with children, including effective communication with children of all ages and techniques for coping with inappropriate behavior in children. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

334. PSYCHOLOGY OF WOMEN**4 hours credit**

Scientific study of the psychological experience and functioning of women. Topics include gender roles, work, relationships, childbirth, physical health, eating disorders and sexual victimization. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

360. CLINICAL/COUNSELING PSYCHOLOGY**4 hours credit**

Introduction to methods, techniques and theories in the practice of clinical/counseling psychology in a variety of settings. Current problems and issues confronting clinical and counseling psychologists are investigated. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

375. PSYCHOLOGY AND THE LAW**4 hours credit**

Focuses on the contribution of psychological theories on the legal system and the increasing use of mental health profes-

sionals in this system. Topics to be covered include a variety of issues related to ways the fields of psychology and legal studies intersect, including examining theories of crime, stages of the trial process, police training, judge and jury decision making, use of expert witnesses, the insanity defense, witness reliability and crime victims. **Prerequisite:** PSYC 101, junior or senior status is suggested. **Three hours per week with enhancement.**

401. PHYSIOLOGICAL PSYCHOLOGY**4 hours credit**

Presentation of advanced topics on physiological psychology including the morphological, neurochemical and physiological bases of behavior. **Prerequisites:** PSYC 301. **Three hours per week with enhancement.**

402. CHILDHOOD DISORDERS**4 hours credit**

A developmental study of behavior problems in children and adolescents, ranging from mild personality disorders to psychoses. Special consideration is given to identification of risk factors related to physiological, cognitive, affective and social influences on behavior. Course focuses on description, etiology and treatment of childhood disorders. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

403. MEASUREMENT AND EVALUATION IN PSYCHOLOGY**4 hours credit**

Coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires considered in terms of their measurement assumptions and utility. **Prerequisite:** PSYC 220 or permission of instructor. **Three hours per week with enhancement.**

406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE**4 hours credit**

Concerned with how attitudes are formed, measured and changed. Emphasis on the classical theories and new approaches to attitude formulation and change. **Prerequisite:** PSYC 306 or permission of instructor. **Three hours per week with enhancement.**

407. PSYCHOLOGY OF PERSONALITY**4 hours credit**

Survey of major theoretical approaches to the origin and development of human personality. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

408. HISTORY AND SYSTEMS IN PSYCHOLOGY**4 hours credit**

Study of basic integrating theories of psychology. **Prerequisites:** PSYC 101, junior standing. **Three hours per week with enhancement.**

409. ENVIRONMENTAL PSYCHOLOGY**4 hours credit**

Study of the effects of the constructed environment and natural environment on human behavior. Consideration is given to such topics as ambient temperature, architecture, density, crowding, urban stress, environment attitudes and behavior change. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

410. MULTICULTURAL ISSUES**4 hours credit**

A study of the psychological impact of major cultural groups on the behavior, attitudes, thoughts and beliefs of individuals. **Prerequisites:** PSYC 101 and junior status. **Three hours per week with enhancement.**

412. PSYCHOLOGY OF RELIGION**4 hours credit**

Provides a psychological perspective of religion and spiritu-

ality by focusing on empirical findings regarding the behavior and cognitive processes of individuals engaged in religious and spiritual activities. Explores religion psychologically by asking questions to which theory and research can be applied in pursuit of answers. **Prerequisites:** PSYC 101. **Three hours per week with enhancement.**

415. COMMUNITY AND APPLIED SOCIAL PSYCHOLOGY**4 hours credit**

Provides an overview of ecological perspectives on causes and treatment of psychological and social problems, with a focus on prevention, empowerment and understanding "person in context." Topics covered include community diversity, coping, prevention, community action and community organizing, processes of social change, and community empowerment. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

420. POLITICAL PSYCHOLOGY**4 hours credit**

Provides an overview of modern theories and frameworks of political psychology. Focus is on the interconnectedness of patterns of behavior that lead to a wide range of political behavior. Theories and frameworks include personality, cognitive, attitudes, social identity, emotions and group dynamics. Topics include presidential leadership, voting behavior, media influences on political thinking, race and political behavior, ethnic conflict and genocide, nationalism, terrorism, and conflict resolution. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

423. DEVELOPMENTAL DISABILITIES**4 hours credit**

Study of children who vary from the norm, including those with physical disabilities, mental disabilities and socio-emotional disturbances. **Prerequisite:** PSYC 320. **Three hours per week with enhancement.**

430. APPLIED BEHAVIOR ANALYSIS**4 hours credit**

Provides both a theoretical and data driven approach to behavioral engineering in the areas of industry, sports, education and behavior change in the areas covered under clinical psychology. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

445. COGNITIVE PSYCHOLOGY**4 hours credit**

Study of human cognitive processing. Topics include perception, attention, memory, problem solving, language, reasoning and decision making. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

446. FUNDAMENTALS OF HUMAN NEUROPSYCHOLOGY**4 hours credit**

Introduction to brain/behavior relationships with emphasis on patients with known brain damage. Examines types of brain damage, related loss of function, neuropsychological assessment and course of recovery. **Prerequisites:** PSYC 301, junior status. **Three hours per week with enhancement.**

450. SENSATION AND PERCEPTION**4 hours credit**

Study of human sensory and perceptual systems with emphasis on vision. Perception treated from a physiological, behavioral and cognitive point of view. **Prerequisites:** PSYC 301. **Three hours per week with enhancement.**

481. HEALTH PSYCHOLOGY/ BEHAVIORAL MEDICINE**4 hours credit**

A scientific, research-based examination of the ways in

which psychological factors may relate to physical health and disease, including behavioral and emotional protective and risk factors for disease from a biopsychosocial perspective. Students will explore the psychological consequences of physical disease and disability, as well as common intervention approaches within clinical health psychology and behavioral medicine. Designed for psychology majors and students in the health sciences who have an understanding of basic psychological principles. **Prerequisite:** PSYC 101, junior or senior status is suggested. **Three hours per week with enhancement.**

482. NATURE-NURTURE ISSUES**4 hours credit**

A critical review and analysis of the classic argument involving influences on developmental outcomes. Questions of trait origin and consistency will be discussed. Students will read primary articles and texts covering diverse perspectives on the role of genes and the environment. Some of the concepts to be covered include: determinism, dynamic systems theory, epigenesis, genotype-phenotype, heritability, interactionism, ontogeny and phylogeny, reductionism, and stability versus variability. **Prerequisites:** PSYC 101 and junior status. **Three hours per week with enhancement.**

483. AUTISM SPECTRUM DISORDERS**4 hours credit**

Offers an in-depth look at Autism Spectrum Disorders through primary readings on historical perspective, clinical presentation, assessment, etiology, treatment, and comparison to typical development during infancy and toddlerhood. **Prerequisites:** PSYC 101 or 320. **Three hours per week with enhancement.**

485. PSYCHOLOGY PRACTICUM**3-4 hours credit**

Provides psychology majors with training experience in a variety of clinical settings. Students may earn no more than six hours in undergraduate practicum courses. **Prerequisites:** Junior psychology majors only and permission of instructor. **Minimum of two hours per week supervision, eight hours per week of field work. (P/F with pass equivalent to C or better.)**

490. INDIVIDUAL DIRECTED STUDY**1-4 hours credit**

Enables advanced students to pursue, through observation, experimentation or library research, a topic of their choosing. May be repeated for a maximum of eight credits. **Prerequisite:** Permission of instructor.

495. SELECTED TOPICS IN PSYCHOLOGY**4 hours credit**

Intensive study in a psychological therapeutic technique, person, developmental period or theory. May be repeated in different areas of study for a maximum of eight hours credit. **Prerequisite:** PSYC 101. **Three hours per week with enhancement.**

497. RESEARCH IN PSYCHOLOGY**4 hours credit**

Designed to introduce students to independent, original inquiry in questions of and mental processing using the scientific method. The course requires literature review, development of a hypothesis, selection of an appropriate research method, data collection and analysis, and research report writing under the close supervision of a faculty mentor. Findings will be reported at a public, scientific forum. **Prerequisites:** PSYC 304, junior status, permission of faculty mentor. May be repeated for a maximum of eight hours credits.

RESPIRATORY THERAPY (RESP)

210. FOUNDATION STUDIES IN RESPIRATORY THERAPY

3 hours credit

Introduction to respiratory therapy with emphasis on the physiologic basis of respiratory care. Covers basic principles, procedures and practices utilized in the profession. **Three hours per week.**

300. SPECIAL TOPICS IN RESPIRATORY CARE

1-4 hours credit

Study of a selected area of respiratory care. Topic may vary semester to semester. Provides opportunity for curriculum innovation or meeting the special needs or interests of students. May be taken twice for credit under different subtitles. **Prerequisite:** Sophomore standing or permission of instructor.

301. PATIENT CARE PROCEDURES

4 hours credit

Introduction to basic respiratory therapy procedures commonly utilized in providing patient care. Opportunity for practicing selected skills provided in the respiratory care laboratory. **Prerequisites:** Junior status, completion of General Education requirements, or permission of instructor. **Corequisites:** RESP 302, 303. **Three hours lecture, two hours laboratory per week.**

302. BASIC RESPIRATORY PROCEDURES/CLINICAL PRACTICUM

5 hours credit

Provides basic skills necessary for the application of medical gases, aerosol and humidity therapy, chest physiotherapy, airway management, incentive spirometry, intermittent positive pressure breathing, arterial blood gases, and cleaning and sterilization. **Prerequisite:** Permission of program director. **Supervised experience: one hour lecture, nine hours clinical practice per week.**

303. CARDIOPULMONARY PHYSIOLOGY

3 hours credit

Study of cardiopulmonary physiology with emphasis on fluid and electrolyte balance, carbon dioxide and oxygen transport, acid-base regulation and the clinical significance of each. **Prerequisite:** Permission of program director. **Three hours per week.**

304. CARDIOPULMONARY DISEASE

3 hours credit

Provides a pathophysiological presentation of cardiopulmonary disease and gives the student practitioner an understanding of disorders of cardiopulmonary structure and function as related to the clinical setting. A symptom/problem-based focus along with the development of decision trees and algorithms will assist students in understanding the pathophysiology of cardiopulmonary problems. This approach will provide the core of basic sciences and merge it with clinical subjects to reinforce learning through the acquisition of critical thinking skills based on broad, yet specific understanding of the clinical and pathologic aspects of cardiopulmonary dysfunction. **Prerequisite:** RESP 303 with C or better, or permission of instructor. **Three hours per week.**

321. ADVANCED RESPIRATORY CARE

4 hours credit

In-depth study of topics related to respiratory therapy in the critical care setting with laboratory experiences. Emphasis on mechanical ventilation, airway management, cardiopulmonary monitoring and cardiopulmonary assessment. **Three hours lecture, two hours laboratory per week.**

322. PHARMACOLOGY

3 hours credit

Investigation of pharmaceutical preparations employed in current medical practice with emphasis on those relevant to the respiratory care practitioner. **Prerequisites:** RESP 301, 302, 303 with C or better, or permission of instructor. **Three hours per week.**

323. CLINICAL PRACTICUM II

5 hours credit

Supervised clinical experience in a variety of critical and non-critical settings designed to reinforce primary skills and develop secondary skills necessary for the practice of respiratory care. **Prerequisites:** Junior standing, RESP 210, 301, 302, 303 with C or better, or permission of instructor. **Supervised experience: one hour lecture, nine hours clinical practice per week.**

400. FUNDAMENTALS OF RESPIRATORY CARE RESEARCH

2 hours credit

Introduction to the fundamentals of research related to the profession of respiratory care. The course is designed to enhance communication skills of undergraduate respiratory therapy students for the purpose of writing and presenting research related to respiratory care. **Prerequisite:** Senior status or permission of instructor. **Two hours per week.**

401. NEONATAL AND PEDIATRIC RESPIRATORY CARE

4 hours credit

Survey of current techniques employed in the respiratory treatment of children from birth through adolescence. Special attention to neonatal physiology and abnormalities requiring respiratory care and to the pulmonary significance of select childhood diseases. Certifications in Neonatal Resuscitation and Pediatric Advanced Life Support are included. **Prerequisite:** Senior standing or permission of instructor. **Three hours lecture, two hours laboratory per week.**

402. CARDIOPULMONARY DIAGNOSTICS AND REHABILITATION

4 hours credit

Study of the theory and techniques of cardiopulmonary diagnostic procedures, interpretations and clinical applications, as well as an overview of rehabilitative respiratory care techniques. **Prerequisites:** Senior standing, RESP 301, 302, 303, 304, 321, 322, 323 with C or better or permission of instructor. **Three hours lecture, three hours clinical practice per week.**

403. CLINICAL PRACTICUM III

5 hours credit

Supervised clinical experience in critical settings with special rotations through areas focusing on intensive care techniques and neonatal/pediatric respiratory care. **Prerequisites:** Senior standing, RESP 301, 302, 303, 304, 321, 322, 323 with C or better or permission of instructor. **Supervised experience: one hour lecture, nine hours clinical practice per week.**

404. MANAGEMENT PRACTICES IN HEALTH SERVICES

3 hours credit

Prepares students for managerial challenges encountered by leaders and the health care practitioners in health service organizations. Topics include managerial theory, personnel interviewing, selection and maintenance, quality control, audits and budget preparation. **Prerequisite:** Senior standing or permission of instructor. **Three hours per week.**

420. RESPIRATORY CARE SEMINAR

4 hours credit

Emphasis on the development of critical thinking skills regarding the appropriate therapy for patients receiving respiratory care. Problem-based learning, case examples, computer simulation and frequent physician input allow students

to develop an enhanced understanding of the importance of appropriate respiratory care. **Prerequisites:** Senior standing, RESP 401, 402, 403, 404 with C or better or permission of instructor. **Three hours lecture, two hours laboratory per week.**

422. MANAGEMENT SPECIALIZATION

2 hours credit

Provides an in-depth study of management principles and problems as they relate to respiratory care and the management of health care services. A practical component provides experience in the hospital or other setting to gain exposure to management tasks. **Prerequisites:** Senior status; completion of RESP 400, 401, 402, 403, 404 with C or better, or permission of instructor. **One hour lecture, two hours practicum per week.**

423. EDUCATION SPECIALIZATION

2 hours credit

Designed to give the student basic fundamental knowledge of educational principles as well as experience in didactic and clinical instruction. The practical component enables students to participate in education activities that include developing instructional materials and aids for use in lecture and/or laboratory instruction. **Prerequisites:** Senior status; completion of RESP 400, 401, 402, 403, 404 with C or better, or permission of instructor. **One hour lecture, four hours practicum per week.**

424. CRITICAL CARE SPECIALIZATION

5 hours credit

Clinical experience in critical care areas designed to refine skills in patient assessment, data collection and clinical decision making. Patient rounds with cardiopulmonary specialists. **Prerequisites:** Senior standing, RESP 401, 402, 403 and 404 with C or better or permission of instructor. **Supervised experience: 10 hours per week.**

425. DIAGNOSTICS SPECIALIZATION

4 hours credit

Emphasis on sophisticated cardiopulmonary monitoring including airway assessment, ECG analysis, arrhythmia identification and therapeutic management of a patient in respiratory or cardiac arrest. Advanced Cardiac Life Support certification offered. **Prerequisites:** Senior standing, RESP 401, 402, 403, 404 with C or better or permission of instructor. **Three hours lecture, two hours laboratory per week.**

458. CRITICAL CARE: A MULTI-PROFESSIONAL APPROACH

3 hours credit

Introduces students to collaborative critical care practice. Prepares students interested in critical care clinical practice to recognize and categorize causes of sudden deterioration of the critically ill patient. Teaches appropriate treatment and interventions for the deteriorating critically ill patient. **Prerequisites:** Admission to nursing or respiratory therapy major; Nursing: NURS 310, 311, 350, 351 with C or better; Respiratory Therapy: Senior status with successful completion of all junior-level courses and concurrent enrollment in all senior-level coursework; or permission of instructor. Cross-listed with NURS 458. **Three hours per week.**

490. INDEPENDENT STUDY

1-3 hours credit

Intensive study in a specific area of respiratory care negotiated between student and faculty member. May be taken twice under different course subtitles. **Prerequisite:** Permission of program director. **One to three hours per week.**

RUSSIAN (RUSS)

101. ELEMENTARY RUSSIAN I

4 hours credit

Beginning spoken and written Russian with emphasis on the alphabet, sound system, basic structures of the language and contemporary culture. Any student with two or more years of high school Russian or equivalent experience is ineligible for this course without expressed permission of the instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY RUSSIAN II

4 hours credit

Continued development of listening, speaking, reading and writing in Russian with further study of major grammatical structures and contemporary culture. **Recommended Prerequisite:** RUSS 101 or at least one year of high school Russian. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

201. INTERMEDIATE RUSSIAN

4 hours credit

Continued development and refinement of language skills as well as exposure to contemporary culture. **Recommended Prerequisite:** RUSS 102 or at least two years of high school Russian. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

SOCIAL SCIENCE (SOSC)

300. SOCIAL SCIENCE INTERN PROGRAM

3 hours credit

Work study program with the primary emphasis on practical experiences to be learned while working with a governmental or community agency on the local, state or national level. **Prerequisites:** Junior or senior class standing with a major in history, political science, sociology or social science and approval of directors.

400. CURRENT PROBLEMS

3 hours credit

Study made of either general or special topics of our times, considered from the historic aspect and the present social and cultural setting in which they occur. **Three hours per week.**

499. HONORS

3 hours credit

Independent study, research and conferences undertaken by social science majors for department honors at the invitation of the department. May not be taken on a pass/no credit basis. **Prerequisites:** Approval of department, 21 hours of work in social science completed, minimum 3.5 average in social sciences.

SOCIAL WORK (SOWK)

200. INTRODUCTION TO THE SOCIAL WORK PROFESSION

4 hours credit

Introduces the social work profession and provides an overview of fields of social welfare services. Explores the various professional roles social workers play in working in each field. Examines the social welfare system as a society's response to human need and structure for delivery of social services. Thirty hours of volunteer service in a social agency required. **Three hours per week with enhancement.**

300. HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I**4 hours credit**

Examines human development in the social environment using the bio-psycho-social-cultural-spiritual perspective. Explores developmental theories to help inform social work assessment at the micro and mezzo levels of practice. Examines both the developmental and problematic aspects of the stages of the life cycle. Discusses the social systems of individual, family, group, community and society. Develops foundation assessment skills. **Prerequisite:** SOWK 200 or permission of instructor. **Four hours per week.**

302. HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II**4 hours credit**

Examines communities, groups and organizations as social systems and environmental contexts. Reflects social work's values and principles in the macro social environment and the integration of theories drawn from sociology, psychology, biology, anthropology and economics to understand and critically analyze the multiple influences on human behavior as affected by race, class, gender, age and sexual orientation. Develops macro-assessment skills within the framework of empowerment. **Prerequisites:** SOWK 200, 300 or permission of instructor. **Four hours per week.**

306. SOCIAL WELFARE HISTORY AND CONTEMPORARY ISSUES**4 hours credit**

Provides an introduction to the field of social welfare, primarily in the United States and major social movements. Examines the history of the social welfare system and social work profession, in the context of societal factors with particular attention to the intersectionality of race, class and gender. Explores the impact of values and beliefs on the development of the modern U.S. social welfare system. Investigates the dynamics of privilege and oppression as part of the political, economic and social factors that influence the policies and services provided by social work practitioners. **Prerequisite:** SOWK 200 or permission of the instructor. **Four hours per week.**

309. PRIVILEGE AND OPPRESSION**4 hours credit**

Introduces and sensitizes students to the major concepts of cultural diversity, race, ethnicity, national origin, gender, age, class, sexual orientation, physical and mental abilities, pluralism and conflicts caused by ethnocentrism, discrimination and prejudice. Explores the relationship and intersection between these major concepts and social work practices and policies. Emphasizes the examination of major ethnic groups as well as other social groupings based on such factors as gender, religion, national origin, age, sexual orientation, physical and mental abilities, and other differences in human populations. Evaluates the common elements of oppressions and prejudicial and discriminatory practices from both micro and macro theoretical frames of reference. Explores the application of the ecological perspective, generalist and problem-solving process. **Prerequisites:** SOWK 200, sophomore standing or permission of instructor. **Four hours per week.**

310. BASIC INTERVIEWING: SKILLS AND TECHNIQUES**2 hours credit**

Develop basic interviewing skills for assessing, goal setting and intervention for use in home service and social work settings. Emphasizes skill application with diverse populations. **Prerequisite:** Junior standing. **Two hours per week.**

320. SOCIAL WORK PRACTICE I**4 hours credit**

Prepares students for a generalist approach to social work practice with individuals. Emphasizes knowledge, values, ethics and skills needed to develop effective helping relation-

ships. Includes basic theories for intervention with focus on micro level problem solving and basic interview skills. **Prerequisites:** Admission to professional program. **Three hours per week with enhancement.**

330. SOCIAL WELFARE POLICY PRACTICE: ANALYST AND ADVOCATE**4 hours credit**

Builds upon the foundation content of SOWK 306, providing understanding of social welfare policy analysis with micro, mezzo and macro social work policy practice knowledge skills. Prepares students to participate in the policy-making process, integrating both policy analytical and formulation skills, as well as understanding the methods and strategies for advocating for policy change and new policies. **Prerequisites:** SOWK 200, 306. **Four hours per week.**

350. SOCIAL WORK WITH OLDER PEOPLE**3 hours credit**

Study of older Americans and of the programs and policies designed to support them. Review of social work practice skills in providing direct service to older people. **Prerequisite:** SOWK 200 or permission of instructor. **Three hours per week.**

400. SOCIAL WORK PRACTICE II**4 hours credit**

Prepares students for a generalist approach to social work practice involving families and groups. Expands basic knowledge, values, ethics and skills, with emphasis on mezzo level problem solving. Includes theories and techniques for planning, assessment, direct intervention and advocacy with small groups and families. **Prerequisites:** SOWK 320, admission to the professional program. **Corequisites:** SOWK 416, 420. **Four hours per week.**

410. SOCIAL WORK PRACTICE III**4 hours credit**

Prepares students for a generalist approach to social work with large systems. Applies the planned change process with macro practice, specifically with organizations and communities. Expands basic knowledge, values, ethics and skills, with emphasis on macro level problem solving. **Prerequisite:** Admission to professional program, SOWK 320, 400, 416, 420. **Corequisites:** SOWK 421, 417. **Three hours per week with enhancement.**

416. SOCIAL WORK RESEARCH I**4 hours credit**

The first of two courses in social work and evaluation research. Emphasizes the development and use of scientific knowledge and the application of that knowledge to evaluate social work interventions and program evaluation. Explores applied research methodologies to enhance the student's use of evidence-based social work knowledge and skills. May be repeated only once with permission of the department. **Prerequisite:** Admission to the professional program, senior standing. **Corequisites:** SOWK 400, 420. **Four hours per week.**

417. SOCIAL WORK RESEARCH II**4 hours credit**

The second of two courses focused on the basic concepts and methods of scientific inquiry used to build knowledge and evaluate practice. Builds and expands upon material covered in Social Work Research I. Includes focus on program evaluation, single-subject designs, data analysis, descriptive and inferential statistics, presentation of data, report writing and application of findings to practice. Explores applied research methodologies that will enhance the student's use of evidence-based interventions. May be repeated only once with permission of the department. **Prerequisites:** Admission to the professional program, senior standing, SOWK 416. **Corequisites:** SOWK 410, 421. **Four hours per week.**

420. FIELD INSTRUCTION IN SOCIAL WORK I**4 hours credit**

Supervised experience in a social welfare agency with emphasis on methods and techniques of generalist social work practice. Opportunity to apply theory and develop skills in delivery of social services. Successful completion of the two-course sequence requires a student to fulfill a minimum of 440 hours of field instruction within the same social welfare agency accumulated across the fall and spring semesters. **Prerequisites:** SOWK 302, 320, admission to the professional program. **Corequisites:** SOWK 400, 416. **Two working days per week.**

421. FIELD INSTRUCTION IN SOCIAL WORK II**4 hours credit**

Supervised experience in a social welfare agency with emphasis on methods and techniques of generalist social work practice. Opportunity to apply theory and develop skills in delivery of social services. Successful completion of the two-course sequence requires a student to fulfill a minimum of 440 hours of field instruction within the same social welfare agency accumulated across the fall and spring semesters. **Prerequisites:** SOWK 400, 416, 420. **Corequisites:** SOWK 410, 417. **Two working days per week.**

450. SOCIAL WORK WITH FAMILIES AND CHILDREN**4 hours credit**

Examines child welfare services and current policies in social work for children and their families. Explores the history of child welfare, the role current social problems such as poverty, teen pregnancy, violence, addiction, homelessness, human trafficking and war play in today's changing family. Provides an overview of the range of services available for families and children within the child welfare delivery system, including in-home services, foster care and adoption. **Prerequisite:** SOWK 200 or permission of instructor. **Four hours per week.**

455. SUBSTANCE ABUSE: ISSUES AND SERVICES**3 hours credit**

Study of alcohol and drug abuse. Topics include theoretical perspectives on abuse, pharmacological characteristics of commonly abused substances, and stages of dependence and addiction. Overview of societal response to substance abuse including law enforcement, treatment, rehabilitation and prevention. **Three hours per week.**

460. SOCIAL WORK IN CORRECTIONS**3 hours credit**

Social work interventions in a variety of correctional settings. Focuses on professional role in court and correctional procedures within institutional and community-based programs. **Three hours per week.**

465. SOCIAL WORK IN HEALTH CARE**3 hours credit**

Explores the role of social work practice in various health care settings. Emphasis on the changing concepts of health and illness. Evaluates the nature of health care organizations, funding mechanisms and ethical dilemmas in social work health care. **Three hours per week.**

470. SOCIAL WORK IN MENTAL HEALTH**3 hours credit**

Investigates the role of the social work profession within the mental health delivery system utilizing a generalist social work approach. Social work and mental health concepts, policies, research methods and program development examined in social service agencies, community mental health facilities and institutional accommodations. **Three hours per week.**

475. SOCIAL WORK WITH PERSONS WHO HAVE DISABILITIES**3 hours credit**

Overview of physical, social and emotional implications of disabilities within the context of generalist social work practice. Topics include sensitivity to discrimination in society, laws and services available, and personal and family adjustment to disability. **Three hours per week.**

480. SOCIAL WORK AND DISASTER MENTAL HEALTH**3 hours credit**

Begin to develop generalist knowledge and skills applicable to crisis intervention and disaster mental health practice and response. **Prerequisite:** Junior or senior status or permission of instructor. **Three hours per week.**

481. TEEN ANGST: UNDERSTANDING ADOLESCENT HEALTH AND MENTAL HEALTH**4 hours credit**

Examines trends in adolescent mental health and risk-taking behavior, from both social work and public health perspectives. Explores risk and protective factors, as well as prevention and intervention techniques. **Prerequisite:** Junior or senior status or permission of instructor. **Four hours per week.**

482. DEATH AND DYING AND SOCIAL WORK**3 hours credit**

Introduction to the history, theoretical concepts, cultural traditions and clinical interventions related to the field of death and dying and how it pertains to social work. Traditional as well as contemporary models are explored. **Prerequisite:** Junior or senior status or permission of instructor. **Three hours per week.**

483. SOCIAL WORK PRACTICE IN RURAL ENVIRONMENTS**3 hours credit**

Explore the unique problems and social needs of non-urban areas, particularly small towns and rural communities. Comprehend the social structure of such communities as well as the challenges of living in such areas, such as lack of, or remoteness of, resources, poverty and the need to seek alternative interventions to work with the client populations. **Prerequisite:** Junior or senior status or permission of instructor. **Three hours per week.**

484. SOCIAL WORK AND THE LAW**3 hours credit**

Study of social welfare, family, consumer law and the legal authority of social agencies to make regulations. Guidelines for court testimony and rules of evidence presented. **Three hours per week.**

486. SOCIAL WORK WITH LGBTQ PERSONS**4 hours credit**

Provides the foundation knowledge needed for generalist practice with Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) persons. Explores the lived experiences of LGBTQ persons in the U.S. across the lifespan and addresses some of the key social problems faced by this population. Explores the heterogeneity of LGBTQ lives across cultural, class, age, race, ethnic, religious and political cohorts and communities. Assumes a strengths-based affirmative model of social work practice with sexual minorities. **Prerequisite:** SOWK 200 or permission of instructor. **Four hours per week.**

487. SOCIAL WORK IN THE SCHOOLS**3 hours credit**

Provides an integrated view of school social work, using a framework of policy and practice. A major focus is on the topics critical to school social work, including at-risk youth, school reform, school violence, multiculturalism, and roles of school social workers within expanded mental health and school-linked services. Draws on systems and strengths perspectives within the context of working with individuals, fami-

lies, groups, organizations and communities. **Prerequisite:** Junior or senior status preferred or permission of instructor. **Three hours per week.**

489. SOCIAL WORK AND SUSTAINABILITY **4 hours credit**

Examines the role of professional social work in the area of sustainability at the local, national and global levels as sustainability is a crucial link to the attainment of environmental, economic and social justice. Using an interdisciplinary perspective, explores the environmental, economic and social aspects of sustainability from theoretical and practical perspectives. **Prerequisite:** SOWK 200 or permission of instructor. **Four hours per week.**

490. INDIVIDUAL DIRECTED STUDY **1-4 hours credit**

Enables advanced students to pursue topics of their own choosing with the guidance and supervision of the faculty. Should not duplicate any course already offered by the department. **Prerequisite:** Senior standing. **One to four hours per week.**

499. SPECIAL TOPICS **1-4 hours credit**

Provides opportunities for investigating special themes or issues of interest to students and the social work profession. May be repeated once under a different subtitle. **Prerequisite:** SOWK 200 or permission of instructor. **One to four hours per week.**

550. SOCIAL WORK WITH FAMILIES AND CHILDREN **3 hours credit**

Survey of child welfare services and examination of current policies in social work for children and their families. Consideration of practice issues in protective services, in-home services to families and substitute care including adoption and foster care. **Three hours per week.**

555. SUBSTANCE ABUSE: ISSUES AND SERVICES **3 hours credit**

Study of alcohol and drug abuse. Topics include theoretical perspectives on abuse, pharmacological characteristics of commonly abused substances, and stages of dependence and addiction. Overview of societal response to substance abuse including law enforcement, treatment, rehabilitation and prevention. **Three hours per week.**

560. SOCIAL WORK IN CORRECTIONS **3 hours credit**

Social work interventions in a variety of correctional settings. Focuses on professional role in court and correctional procedures within institutional and community-based programs. **Three hours per week.**

565. SOCIAL WORK IN HEALTH CARE **3 hours credit**

Explores the role of social work practice in various health care settings. Emphasis on the changing concepts of health and illness. Evaluates the nature of health care organizations, funding mechanisms and ethical dilemmas in social work health care. **Three hours per week.**

570. SOCIAL WORK IN MENTAL HEALTH **3 hours credit**

Investigates the role of the social work profession within the mental health delivery system utilizing a generalist social work approach. Social work and mental health concepts, policies, research methods and program development examined in social service agencies, community mental health facilities and institutional accommodations. **Three hours per week.**

575. SOCIAL WORK WITH PERSONS WHO HAVE DISABILITIES **3 hours credit**

Overview of physical, social and emotional implications of disabilities within the context of generalist social work practice. Topics include sensitivity to discrimination in society, laws and services available, and personal and family adjustment to disability. **Three hours per week.**

584. SOCIAL WORK AND THE LAW **3 hours credit**

Study of social welfare, family, consumer law and the legal authority of social agencies to make regulations. Guidelines for court testimony and rules of evidence presented. **Three hours per week.**

599. SPECIAL TOPICS **1-3 hours credit**

Provides opportunities for investigating special themes or issues of interest to students and the social work profession. May be repeated once under a different subtitle. **Three hours per week.**

602. ETHICAL FOUNDATION OF SOCIAL WORK **3 hours credit**

Focuses on the ethical issues in social work practice including a theoretical framework and ethical problem-solving model to systematically evaluate values and resolve ethical dilemmas found in social work practice. Provides tools and methodologies for reflection and analysis. **Prerequisite:** Concentration Status or permission of department. **Three hours per week.**

607. SOCIAL WELFARE POLICY PRACTICE: ANALYST AND ADVOCATE **3 hours credit**

Provides understandings of social welfare policy analysis with micro, mezzo and macro social work policy practice knowledge skills. Prepares for participation in the policy making process, integrating both policy analytical and formulation skills, as well as understanding the methods and strategies for advocating for policy change and new policies. **Prerequisite:** For graduate study only. **Three hours per week.**

610. THEORETICAL ANALYSIS OF BEHAVIOR I **3 hours credit**

Focuses on the individual, family and peer group as a social system, and assessment using a bio-psycho-social-cultural-spiritual perspective. Explores human development through the lifespan. Presents analysis of several theories which explain human behavior and inform social work practice. Focus on privilege, oppression, prejudice and discrimination. Develops foundation assessment skills. **Prerequisite:** For graduate study only. **Three hours per week.**

616. SOCIAL WORK RESEARCH I **3 hours credit**

The first of two courses in social work and evaluation research. Emphasis on understanding the development and use of scientific knowledge and the application of that knowledge to evaluate social work interventions and program evaluation. Special attention is given to applied research methodologies to enhance the student's use of evidence-based social work knowledge and skills. May be repeated only once. **Prerequisite:** Foundation Status. **Corequisites:** SOWK 640 or permission of the department. **Three hours per week.**

617. SOCIAL WORK RESEARCH II **3 hours credit**

The second of two courses focused on the basic concepts and methods of scientific inquiry used to build knowledge and evaluate practice. Builds and expands upon material covered in Social Work Research I. Topics include an introduction to program evaluation, single-subject designs, data analysis,

descriptive and inferential statistics, presentation of data and report writing, and application of findings to practice. Special attention is given to applied research methodologies that will enhance the student's use of evidence-based interventions. May be repeated only once with permission of the department. **Prerequisites:** SOWK 616. **Corequisite:** SOWK 645 or permission of the department. **Three hours per week.**

620. SOCIAL WORK PRACTICE I **3 hours credit**

Emphasizes a generalist social work perspective for the mastery of practice theory and the development of engagement, assessment, intervention and evaluation skills related to social work practice with individuals and families. **Prerequisite:** For graduate study only. **Three hours per week.**

622. SOCIAL WORK PRACTICE II **3 hours credit**

Second of three practice courses preparing students for a generalist approach to social work practice. Expands basic knowledge, values, ethics and skills, with emphasis on mezzo level problem solving. Includes theories and techniques for planning, assessment and advocacy for family and small group interventions. **Prerequisites:** SOWK 620. **Three hours per week.**

623. SOCIAL WORK PRACTICE III **3 hours credit**

Third of three practice courses preparing students for a generalist approach to social work. Expands basic knowledge, values, ethics and skills, with emphasis on macro level problem solving. Includes theories and techniques needed for practice within an organization and/or community context. **Prerequisites:** SOWK 620. **Prerequisite/Corequisite:** 622. **Three hours per week.**

630. THEORETICAL ANALYSIS OF BEHAVIOR II **3 hours credit**

Examines the development of communities and organizations as social systems. Human behaviors as affected by race, class, gender, age and sexual orientation are a main component. Reflects social work's unique integration of theories drawn from sociology, psychology, biology, anthropology and economics to understand the multiple influences on behavior. Macro sociological theories for critical analyses of society, communities, social institutions and social organizations are presented. Develops macro assessment skills. **Prerequisite:** SOWK 610 or permission of department. **Three hours per week.**

640. FIELD INSTRUCTION I **3 hours credit**

The first of a two-semester (fall/spring) sequence of supervised experience in the delivery of social services where students are required to participate in an agency-based field practicum for two days a week under the supervision of an agency-based field instructor with an M.S.W. Successful completion of the two-course sequence requires a student to fulfill a minimum of 472 hours of field instruction within the same social welfare agency accumulated across the fall and spring semesters. **Prerequisites or Corequisites:** SOWK 620, admission to graduate social work program. **Corequisites:** SOWK 616. **Two working days per week. A seminar with small group discussions on field experiences with related written assignments and activities conducted concurrently.**

645. FIELD INSTRUCTION II **3 hours credit**

The second of a two-semester (fall/spring) sequence of supervised experience in the delivery of social services, in the same agency students entered in SOWK 640, where students are required to continue an agency-based field practicum for two days a week under the supervision of an

agency-based field instructor with a M.S.W. Successful completion of the two-course sequence requires a student to fulfill a minimum of 472 hours of field instruction within the same social welfare agency accumulated across the fall and spring semesters. **Prerequisites:** SOWK 616, 640. **Prerequisites or Corequisites:** SOWK 617, 622, 623. **Two working days per week. A seminar with small group discussions on field experiences with related written assignments and activities conducted concurrently.**

650. ADVANCED PRACTICE WITH INDIVIDUALS **3 hours credit**

Familiarizes the practitioner with strengths assessment, standardized diagnostic criteria and other processes used within the field to categorize behavior. Utilizes concepts of mental health, tying an accurate assessment to a specific intervention plan. Specific assessment techniques, including formal and informal mental status examinations, global assessment of functioning techniques and diagnostic assessment using the Diagnostic and Statistical Manual (DSM)-TR are explored. Emphasis on advanced interview skill techniques. **Prerequisite:** Concentration Status or permission of department. **Corequisite:** SOWK 665. **Three hours per week.**

653. SUBSTANCE ABUSE ASSESSMENT AND INTERVENTION **3 hours credit**

Provides a comprehensive introduction to the recognition, assessment and intervention with persons who abuse substances. Attention is directed to the interactive effects of substance abuse on abusers, on other persons in the abusers' lives and on society. Other topics explored in the course will include: models of chemical dependency, the dually-diagnosed client, and the comparison and contrast of selected models of intervention. **Prerequisite:** Concentration Status or permission of department. **Three hours per week.**

654. PSYCHOPATHOLOGY **3 hours credit**

Provides extensive knowledge of the major forms of mental illness and its treatment. Develops competence in multi-axial assessment by mastering the accepted diagnostic code, DSM-IV TR. Provides skills in development of appropriate and contemporary treatment plans. Explores the factors associated with mental illness such as age, race, ethnicity and gender. **Prerequisites:** Concentration Status or permission of department. **Three hours per week.**

655. EVALUATION OF SOCIAL WORK PRACTICE **3 hours credit**

The study of practice-outcome research, single-case designs and program evaluation in social work. Student is familiarized with appropriate recording and measurement instruments with individuals, groups and families. **Prerequisite:** SOWK 650 or permission of department. **Corequisite:** SOWK 685. **Three hours per week.**

660. ADVANCED PRACTICE WITH FAMILIES **3 hours credit**

Builds upon theoretical perspectives and practice skills from both foundation-level and advanced-level curriculum. The course compares, evaluates and presents practice skills from the major models of family therapy. Course content focuses upon applied family interventions in social work practice. **Prerequisite:** SOWK 650 or permission of department. **Three hours per week.**

663. SUPERVISION AND ADMINISTRATION **3 hours credit**

Introduces advanced-level students to supervision and administration in the human services. Students are introduced to the historical development of supervision in social work. Students will learn to apply knowledge of three primary supervisory functions: administration, education and support of supervisees. Additionally, students will focus on organiza-

tional theory as it provides a foundation to models of social work/welfare administration within social welfare delivery systems. **Prerequisite:** Concentration Status. **Three hours per week.**

665. FIELD INSTRUCTION III 4 hours credit

The first of a two-semester (fall/spring) sequence of supervised advanced field practicum experience in the delivery of social services where students are required to participate in an agency-based field practicum for three days per week under the supervision of an agency-based field instructor with an M.S.W. Successful completion of the two-course sequence requires a student to fulfill a minimum of 744 hours of field instruction within the same social welfare agency accumulated across the fall and spring semesters. **Prerequisite:** Concentration Status. **Corequisite:** SOWK 650. **Three working days per week. A seminar with small group discussions on field experiences with related written assignments and activities conducted concurrently.**

677. CHILD WELFARE 3 hours credit

Designed to prepare advanced-level students to be child welfare practitioners able to move beyond the protective focus to practice applications of prevention and change. The curriculum includes knowledge about human services for children, the values and philosophy of family preservation, trends in social welfare policy impacting children and their families, and the effects of gender, race and ethnicity on social work practice with children. **Prerequisite:** Concentration Status or permission of department. **Three hours per week.**

680. ADVANCED PRACTICE WITH GROUPS 3 hours credit

Builds upon theoretical perspectives from human behavior and the social environment, knowledge and skills from foundation-level practice courses, and theory and skills from the advanced theory and practice course. The course familiarizes the practitioner with the concept of the group as therapeutic communities with curative factors. **Prerequisite:** SOWK 650 or permission of department. **Three hours per week.**

685. FIELD INSTRUCTION IV 4 hours credit

The second of a two-semester (fall/spring) sequence of supervised advanced field practicum experience in the delivery of social services where students are required to continue to work three days a week the same social welfare agency the student entered in SOWK 665 under the supervision of an agency-based field instructor with an M.S.W. Successful completion of the two-course sequence requires a student to fulfill a minimum of 744 hours of field instruction within the same social welfare agency accumulated across the fall and spring semesters. **Prerequisite:** SOWK 665. **Corequisite:** SOWK 655. **Three working days per week. A seminar with small group discussions on field experiences with related written assignments and activities conducted concurrently.**

690. INDIVIDUAL DIRECTED STUDY 1-3 hours credit

Enables students to pursue topics of their own choosing with the guidance and supervision of the faculty. Should not duplicate any course already offered by the department. **Prerequisites:** Graduate status. **One to three hours per week.**

SOCIOLOGY (SOCI)

101. INTRODUCTION TO SOCIOLOGY 4 hours credit

Identification and analysis of basic concepts of sociology; study of inter-relatedness of structures, systems and institutions, and of the social processes by which society evolves. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

201. SOCIAL PROBLEMS 4 hours credit

Analysis of selected social problems in contemporary society. Emphasis on sociological understanding of the processes by which social problems are defined. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

210. INTRODUCTION TO GLOBAL SOCIOLOGY 4 hours credit

An introduction to global sociology, an increasingly popular area in sociology. Topics such as globalization, the international division of labor and international inequality will be examined and discussed. A group of broad-based macro-level theories will assist in the analysis of global social issues such as world hunger, worldwide peace, indigenous populations, sustainable development and pollution. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

220. THE FAMILY 4 hours credit

Examines of the diversity of families in the U.S. Study of the demographic trends in family formations, marital arrangements, parenting and childbearing, and such controversial issues as unmarried couples, alternative families, abortion, surrogacy and violence in families. May not receive credit for both SOCI 316 and SOCI 220. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

225. SOCIOLOGY OF CONFLICT AND NONVIOLENCE 4 hours credit

Seeks answers to questions about why humans use violence to resolve conflict and what social forces produce conflict in the family, ethnic and racial groups, economic groups and nation states. Explores nature and practice of nonviolent conflict resolution. Cross-listed with CADR 225. May not receive credit for both CADR 225 and SOCI 225. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

250. RACE RELATIONS IN GLOBAL PERSPECTIVE 4 hours credit

Explores the socio-history of diasporas and race relations in global perspective. Several broad-based macro-level theories will facilitate the exploration of the world's major diasporas in the last 500 years. Reviews and examines the socio-historical connections between these diasporas and today's race relations in conjunction with the development of global capitalism. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

301. STUDIES IN SOCIOLOGY 4 hours credit

Selected areas in varied subfields of sociology. May be repeated under different subtitles. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

304. SOCIAL INEQUALITY 4 hours credit

Analysis of the variety of class and rank structures found in both past and contemporary societies. Special attention focused on the determinants of social class as well as the related issues of social mobility and changes in class position

of both individuals and groups. Additional emphasis on identifying both attitudinal and behavioral consequences of class position. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

305. SOCIOLOGY OF LAW 4 hours credit

Study of formal legal statements as communications both reflecting and influencing life in society. Selected examples of the conflict between legality and social reality, with attention to both substantive and procedural issues of law; consideration of possible solutions. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

313. CRIMINOLOGY AND PENOLOGY 4 hours credit

Consideration of crime and delinquency as forms of deviant behavior; examination of social causes, social reactions and applicable sociological theories. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

314. SOCIOLOGY OF GENDER 4 hours credit

Study and analysis of the institutional and cultural bases of gender roles, gender socialization, gender inequality, gender movements and gender role change. May not receive credit for both SOCI 216 and SOCI 314. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

318. SOCIOLOGY OF RELIGION 4 hours credit

Examination of humanity's quest for religious meaning as a social activity with social consequences. Considers the place of religion in different kinds of societies, past, present and future. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

319. GLOBALIZATION AND SOCIAL CHANGE 4 hours credit

Explores social change on a global scale and examines sociocultural factors driving economic, social and cultural globalization. This course is a critical evaluation of policies intended to promote globalization as well as effects of social practices that facilitate globalization. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

320. SOCIAL MOVEMENTS 4 hours credit

In-depth study of contemporary social movements, such as the Black Muslims, Gay Liberation, the Women's Movement, the aged, youth and radical right. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

321. SOCIAL RESEARCH 4 hours credit

Introduction to qualitative and quantitative social research methods. Emphasis on research design, question formulation, sampling techniques, hypothesis testing, data analysis, computer processing and practical research activity. **Prerequisite:** Junior standing. **Three one-hour lectures, one two-hour laboratory per week.**

322. POPULATION STUDIES 4 hours credit

Introduction to social demography which is the study of changes in the size, composition and distribution of the world's population. Includes analysis of population dynamics and factors that drive changes in human populations as well as critical evaluation of effects of changes in human population. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

324. COMMUNITY SOCIOLOGY 4 hours credit

Investigation of communities as social systems emphasizing

current directions in community research. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

325. SEXUALITY, ALTERNATIVES AND SOCIETY 4 hours credit

This course examines the social construction of sexual behavior and sexual identity in a cultural context, as well as the relationship between physiology, gender and sexuality. Topics include: theories and history of sexuality as a social marker, social inequality and sexuality, the institutionalization of sexuality, sexual behavior, and identity formation and cross cultural practices. A major focus of the course is on lesbian, gay, bisexual, transgender and transsexual experiences. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

326. SOCIAL INTERACTION 4 hours credit

Study of human behavior as social interaction. Emphasis on symbolic communication and its relationship to the concept of self. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

329. MEDICAL SOCIOLOGY 4 hours credit

Study of social factors involved in health and illness emphasizing the institution of medicine in American society. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

331. RACIAL AND CULTURAL MINORITIES 4 hours credit

Study of ethnic differences that produce prejudice, stereotypes and discrimination and of the social processes employed by dominant and minority groups. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

334. SOCIOLOGY OF MENTAL HEALTH 4 hours credit

Study of sociocultural factors in mental health and illness emphasizing social causation and patterns of distribution. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

339. IMMIGRATION 4 hours credit

The U.S. is a nation of immigrants and recent decades have seen a large upsurge in international migration to the United States, particularly from the Western Hemisphere and Asia. Focuses on explanations for this still-emerging process, as well as its impacts and implications for: the changing demographic make-up of the country (e.g., Hispanics/Latinos as the largest minority group), the labor force and economy, receiving and sending communities, adaptation and incorporation, education and health, and politics and policy debates. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

344. COMPLEX ORGANIZATIONS 4 hours credit

Analysis of the emergence of modern bureaucratic structure, emphasizing institutionalization, patterns of authority and impact on personality. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

361. AGING AND SOCIETY 4 hours credit

Examination of the aging process from the sociological perspective. Emphasis on the position of the elderly in contemporary society and on age-roles associated with stages in the process of aging such as childhood, adolescence, adulthood and old age. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

363. WOMEN AND DEVELOPMENT**4 hours credit**

Explores women's roles in processes of economic, political and social development from a global perspective with a focus on less developed countries. Provides a review of theory and analysis of women's roles in development processes through case studies examining particular effects of general trends affecting women associated with globalization and development. **Prerequisite:** Junior standing or permission of the instructor. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

390. SOCIOLOGY OF THE ENVIRONMENT**4 hours credit**

Examines the environment as a social product. Uses the sociological perspective to explain how environmental problems are structurally created. Focuses on mining and forestry to illustrate how environmental degradation, disease, death and disability are produced. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

401. SPECIAL TOPICS**3 hours credit**

Reserved for courses approved as experimental responses to student interest or community need. May be repeated once under a different subtitle. **Meets General Education IIIB or IIIC.**

409. SOCIOLOGY OF EDUCATION**4 hours credit**

Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week with enhancement. Meets General Education IIIB or IIIC.**

416. INDIVIDUAL DIRECTED STUDY**1-4 hours credit**

Advanced study in an area of sociology. May be repeated once under a different subtitle. **Prerequisite:** Permission of instructor who will direct the study. **Up to 12 hours per week.**

421. THEORY I, FOUNDATIONS OF SOCIOLOGICAL THEORY**4 hours credit**

Analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. **Prerequisite:** SOCI 101 or permission of instructor. **Three hours per week with enhancement.**

422. THEORY II, CONTEMPORARY SOCIOLOGICAL THEORY**4 hours credit**

Analysis of the current state and future directions of sociological theory. **Prerequisite:** SOCI 101 or permission of instructor. **Three hours per week with enhancement.**

429. SENIOR EXPERIENCE**1 hour credit**

Seminar designed to facilitate discussion about the organization and completion of research projects. This capstone experience is for students in their final year of the sociology program. **Prerequisite:** Senior standing. **One hour per week.**

495. INDEPENDENT STUDY FOR DEPARTMENT HONORS**3 hours credit**

Independent study undertaken for departmental honors at the invitation of the department. **Prerequisites:** Approval of chair, permission of instructor who will direct the study.

497. UNDERGRADUATE RESEARCH**4 hours credit**

Applies social research methods to a specific research proj-

ect which includes hypothesis formulation, research design, data collection, data analysis and a presentation in some public forum. **Prerequisite:** CADR/SOCI 321 or permission of instructor. **Three hours per week with enhancement.**

498. INTERNSHIP IN SOCIOLOGY**1-4 hours credit**

Provides students practical experience in addressing selected social issues in a public or private sector community organization. Field notes, periodic meetings with instructor, and typed reports analyzing an experience and a social issue are required. A maximum of four credits may be applied toward the sociology major. May be repeated once under a different community organization. Repeatable once to a maximum of eight credits. **Prerequisites:** SOCI 101 or 201, junior standing, permission of the instructor. **Up to 12 hours per week.**

501. SPECIAL TOPICS**3 hours credit**

Reserved for courses approved as experimental responses to student interest or community need. May be repeated once under a different subtitle.

509. SOCIOLOGY OF EDUCATION**3 hours credit**

Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week.**

516. INDIVIDUAL DIRECTED STUDY**3 hours credit**

Intensive study in a specific area of sociology agreed upon by student and faculty. May be repeated once under a different subtitle. **Prerequisites:** Six hours in sociology, a concentration in sociology and permission of instructor who will direct the study.

521. THEORY I, FOUNDATIONS OF SOCIOLOGICAL THEORY**3 hours credit**

Analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. **Prerequisite:** SOCI 101 or permission of instructor. **Three hours per week.**

522. THEORY II, CONTEMPORARY SOCIOLOGICAL THEORY**3 hours credit**

Analysis of the current state and future directions of sociological theory. **Prerequisite:** SOCI 101 or permission of instructor. **Three hours per week.**

SPANISH (SPAN)**101. ELEMENTARY SPANISH I****4 hours credit**

Beginning spoken and written Spanish with emphasis on the sound system and the basic structures of the language. Any student with two or more years of high school Spanish or equivalent experience is ineligible for this course without expressed permission of the instructor. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

102. ELEMENTARY SPANISH II**4 hours credit**

Continued skill development in spoken and written Spanish with further study of major structures. **Recommended Prerequisite:** SPAN 101 or at least one year of high school Spanish. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

201. INTERMEDIATE SPANISH**4 hours credit**

Continued development and refinement of language skills with emphasis on reading, writing and vocabulary development. **Recommended Prerequisite:** SPAN 102 or at least two years of high school Spanish. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

202. SPANISH IN REVIEW**4 hours credit**

Refinement and application of language skills by exploring diverse forms of expression in Spanish. Satisfies the language requirement for English majors. **Recommended Prerequisite:** SPAN 201 or at least three years of high school Spanish. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

300. TOPICS IN SPANISH**4 hours credit**

Study of an author, period, movement, genre or theme. Topic varies semester to semester. May be repeated once with new content. **Prerequisite/Corequisite:** SPAN 310 or 313. **Three hours per week with enhancement.**

309. SUMMER PROGRAM IN SPAIN**4 hours credit**

Students spend five weeks living and studying in Malaga, Spain. Multi-focused course covers language, culture, history and art of Spain, as well as cultural themes. Excursions to Granada, Cordoba and Sevilla included. This course fulfills the study abroad requirement. **Prerequisites:** SPAN 202 and approval of program director. **Twelve hours per week for five weeks.**

310. ORAL AND WRITTEN COMPOSITION**4 hours credit**

Develops facility to sustain oral and written discussion in Spanish. Students practice the basic patterns of Spanish syntax and develop vocabulary by preparing frequent oral and written compositions. **Recommended Prerequisite:** SPAN 202 or equivalent experience. **Three hours per week with enhancement.**

312. CONVERSATION**4 hours credit**

Develops confidence and correctness in spoken Spanish through practice in conversation, reports and discussions. **Prerequisite/Corequisite:** SPAN 310 or 313. **Three hours per week with enhancement.**

313. EFFECTIVE WRITING AND READING FOR SPANISH HERITAGE SPEAKERS**4 hours credit**

Refinement and application of language skills for bilingual speakers of Spanish who have not had formal training in the language at the college level. Students practice reading, writing and specific grammar and orthographic rules through selected authentic readings, guided compositions and class discussions. **Prerequisite:** Approval of instructor. **Three hours per week with enhancement.**

315. SPANISH CULTURE AND CIVILIZATION**4 hours credit**

Study of the key cultural patterns in Spanish life including the themes of religion, family relationships and festivals and the dilemmas of work-leisure, sports-cruelty and honor-death through prose, drama and other selected material. **Prerequisite/Corequisite:** SPAN 310 or 313. **Three hours per week with enhancement.**

316. LATIN AMERICAN CULTURE AND CIVILIZATION**4 hours credit**

Study of key cultural patterns with particular attention to the results of transplantation to the New World. The major vehicle of examination is the written word in prose, drama and

other selected material. **Prerequisite/Corequisite:** SPAN 310 or 313. **Three hours per week with enhancement.**

319. INTRODUCTION TO SPANISH LINGUISTICS**4 hours credit**

Study of the main areas of linguistics, such as phonology, morphology, syntax and sociolinguistics, with special attention paid to the varieties of Spanish spoken in different countries in the U.S. **Prerequisite:** SPAN 310 or 313. **Three hours per week with enhancement.**

322. SPANISH FOR BUSINESS**4 hours credit**

Develops the ability to use Spanish to conduct business in both the U.S. and abroad. Provides a solid foundation in the vocabulary and discourse related to the modern business office, economics, management, marketing, banking and other aspects of a business environment. **Prerequisite:** SPAN 310 or 313. **Three hours per week with enhancement.**

330. TOPICS IN HISPANIC LITERATURE IN TRANSLATION**4 hours credit**

Reading, analysis and discussion of some of the classic works of Spanish and Latin American literature. Taught in English. Does not count toward the Spanish minor. May be taken only once for credit toward the Spanish major. Cross listed with ENGL 318. **Prerequisite:** C or better in ENGL 103. **Three hours per week with enhancement. Meets General Education IB.**

335. SURVEY OF SPANISH LITERATURE**4 hours credit**

A survey of the foundational literary texts, authors and movements from the Middle Ages through contemporary Spain. **Recommended Prerequisite/Corequisite:** SPAN 310 or 313. **Three hours per week with enhancement. Meets General Education IB.**

336. SURVEY OF LATIN AMERICAN LITERATURE**4 hours credit**

Study of the evolution of Latin American literature. Provides students with the opportunity to read, analyze, discuss and write about seminal works by representative writers from each literary movement and genre. **Recommended Prerequisite/Corequisite:** SPAN 310 or 313. **Three hours per week with enhancement. Meets General Education IB.**

400. ADVANCED STYLISTICS AND ORAL EXPRESSION**4 hours credit**

Refinement and sophistication of written and oral expression in Spanish. **Prerequisite:** SPAN 310 or 313, or permission of instructor. **Three hours per week with enhancement.**

403. HISPANIC CULTURE THROUGH LITERATURE**4 hours credit**

Study of modern Spanish and Spanish American literature within its cultural context. Students will explore the literary text as cultural document including the roles of Afro-Hispanics, indigenous peoples, religion, women, politics and poverty in the formation of Hispanic cultures. May not receive credit for both SPAN 325 and SPAN 403. **Prerequisite:** SPAN 335 or 336 or permission of instructor. **Three hours per week with enhancement.**

480. SENIOR SEMINAR**1-4 hours credit**

For senior Spanish majors. Research encompassing several areas of Spanish life and culture, language and literature is brought to bear upon a single theme or issue. **Prerequisite:** Senior standing. **Three hours per week with enhancement.**

496. SPANISH INDEPENDENT STUDY**1-4 hours credit**

Individual study in any areas of language, culture or literature of the Spanish-speaking world with the advice and direction of a member of the department. May be repeated with new content for a maximum of eight credits. **Prerequisites:** Junior standing and permission of department chair.

497. UNDERGRADUATE RESEARCH**1-4 hours credit**

Designed to encourage students to pursue an area of original research in Spanish linguistics, cultural or literary studies of Spain or Latin America. Allows student to study a subject area in more depth than is possible in the traditional classroom setting. Public presentation of research is required. May be repeated once for a maximum of eight credits. **Prerequisites:** Junior standing and permission of department chair and instructor who will direct study.

498. INTERNSHIP**4 hours credit**

Students will perform a minimum of six hours of service per week over a 13-week period, in a social service agency that assists Hispanics and other ethnic groups of the community. They will meet for 50 minutes biweekly in seminar to discuss the textbook, their experiences and share their reflections about the situations of the Spanish population in the area. May be repeated for a total of eight credits. **Prerequisites:** Permission of the instructor and the chair of the department.

500. ADVANCED STYLISTICS AND ORAL EXPRESSION**3 hours credit**

Refinement and sophistication of written and oral expression in Spanish. **Prerequisite:** Graduate status. **Three hours per week.**

503. HISPANIC CULTURE THROUGH LITERATURE**3 hours credit**

Study of modern Spanish and Spanish American literature within its cultural context. Students will explore the literary text as cultural document including the roles of Afro-Hispanics, indigenous peoples, religion, women, politics and poverty in the formation of Hispanic cultures. **Prerequisite:** Graduate status. **Three hours per week.**

596. SPANISH INDEPENDENT STUDY**1-6 hours credit**

Individual study in any areas of language, culture or literature of the Spanish-speaking world with the advice and direction of a member of the department. Open to juniors. May be repeated with new content for a maximum of six credits. **Prerequisite:** Graduate status.

THEATRE (THEA)**100. THEATRE APPRECIATION****4 hours credit**

Introduction to theatre as a unified art with emphasis upon the literary and social significance of theatre in our society. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

110. TECHNICAL PRODUCTION**4 hours credit**

Practical experience in technical theatre including set construction, scene painting, lighting and sound. May not receive credit for both THEA 121 and 110. **Three hours lecture, two-hour laboratory per week. Meets General Education IIIA or IIIC.**

125. THEATRE PRACTICUM**1 hour credit**

Provides supervised experience in theatre production and

performance. May be repeated for a total of eight credit hours; only two hours may count toward the Design and Production or Performance tracks. **Prerequisite:** Permission of the instructor. (P/F)

126. COSTUMING AND THEATRE CRAFTS**4 hours credit**

Provides an introduction to costumes for the stage through the application of design principles and costume construction techniques, including machine and hand sewing, flat patterning, and draping and fiber technology. Students furnish their own materials. **Three hours lecture, two hours studio per week. Meets General Education IIIA or IIIC.**

130. ELEMENTS OF VOICE AND DICTION**4 hours credit**

Examines the fundamentals of voice production and articulation. Study establishes good habits of speech through analysis of voice, articulation and pronunciation, with directed exercises for improvement. May not receive credit for both THEA 201 and 130. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

199. CORNERSTONE SEMINAR**1 hour credit**

Early career forum examines theatre as an academic discipline and an art form. Professional practices and resources are introduced, allowing students to make the most of their academic career and preprofessional training. **Prerequisite:** Theatre major. **Two hours per week.**

200. VOICE AND MOVEMENT FUNDAMENTALS**4 hours credit**

Develops voice and body awareness through methods of vocal production, theatre movement and body conditioning, and performance style and analysis. **Five studio hours per week. Meets General Education IIIA or IIIC.**

210. DESIGN FUNDAMENTALS**4 hours credit**

Study of the art and craft of scenography and production design through plays, film and dramatic literature. Focuses on character and script analysis, research and conceptualizing a visual world through research, writing, collage/assembly and basic model building. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

223. MAKEUP DESIGN**4 hours credit**

Practical survey of techniques in the application of theatrical makeup for performance on stage as well as television and film. Recommended for all performers. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

240. TEXT ANALYSIS**4 hours credit**

Analysis and interpretation of dramatic/theatrical texts covering a variety of styles and genres. Traditional and contemporary approaches to analysis are examined. Structural issues, historical/cultural contexts and production applications are explored. **Three hours per week with enhancement.**

250. ACTING I**4 hours credit**

Explores the creative acting process by investigating the emotional, intellectual and kinesthetic resources central to performing. Examines the application of vocal and physical choices to develop characters. Analysis of texts, theory and the conventions of psychological realism are highlighted through focused improvisation, movement exercises and monologue/scene study. **Performance Track Prerequisite:** THEA 200. **Five studio hours per week. Meets General Education IIIA or IIIC.**

258. STAGE MANAGEMENT**4 hours credit**

Examines the technical and organizational aspects of stage management. Focuses on the skills, responsibilities and procedures of an effective stage manager. **Three hours per week with enhancement.**

290. SPECIAL TOPICS IN THEATRE**1-4 hours credit**

Interdisciplinary seminar with content varying semester to semester. May be repeated under different titles for a maximum of 16 credits. **One-and-a-half to six hours per week.**

300. HISTORY OF THE THEATRE I**4 hours credit**

Surveys the evolution of formal social theatre from ritual origins through the Renaissance. A social history of dramatic theory, plays and playwrights, production practices and performance styles, emphasizing their roles as both product of and mirror to changing values, tastes, attitudes and customs. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

301. HISTORY OF THE THEATRE II**4 hours credit**

Surveys Western theatre from the Elizabethan period to the present. Examines the influence of non-Western forms and developing aesthetics of Early Modern drama. Connects the diverse social, political and philosophical forces that shape the theatre as an expression of the modern world. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

310. SCENE DESIGN**4 hours credit**

Examines scene design through concept, metaphor, vision, creativity, color and design theories, and 20th-century history. Develops drafting, figure drawing, scene painting, model making and production team communication skills. **Design and Production Track Prerequisite:** THEA 110 or permission of instructor. **Six hours per week.**

311. SCENE PAINTING**4 hours credit**

Focuses on the process, techniques, analysis and practice of scene painting and scenic art for the stage and other performance and display spaces. Examines interpretation and decision making in the collaborative process between the scenic artist and designers and craftsmen. **Three hours per week with enhancement.**

312. LIGHTING DESIGN**4 hours per week**

Focuses on lighting as a vital component of technical production. Includes design and technology of theatre, television and video lighting. **Design and Production Track Prerequisite:** THEA 110 or permission of instructor. **Six hours per week.**

320. COSTUME DESIGN**4 hours credit**

Examines the elements of design, character study, textual analysis and directional concepts as a basis for translating conceptualizations into costume renderings. Includes period research and contemporary designers in the world of fashion and theatre. **Design and Production Track Prerequisite:** THEA 126 or permission of instructor. **Six hours per week.**

327. READERS THEATRE**4 hours credit**

Covers the philosophy and uses of Readers Theatre. Emphasis on the analysis, adaptation and staging of non-dramatic literature within the context of this art form. Lecture/workshop format will be employed. **Performance Track Prerequisites:** THEA 240, 250. **Three hours per week with enhancement.**

344. DIRECTING**4 hours credit**

Study of the theory and basic principles, skills and techniques underlying direction. Student-directed theatre production required. **Performance Track Prerequisites:** THEA 240, 250. **Five studio hours per week.**

350. ACTING II**4 hours credit**

Provides experience training for intermediate and advanced acting through the exploration of improvisational techniques, character analysis, scene work and exercises in acting style. **Performance Track Prerequisite:** THEA 250. **Five studio hours per week.**

399. INTERNATIONAL STUDY IN THEATRE**4 hours credit**

Examines theatre through travel and study in international setting. Pre-tour lectures and other activities required. May be taken twice under different subtitles for a total of eight hours; only four hours may count toward upper-level degree requirement. **Four hours per week.**

420. EVOLUTION OF STYLE**4 hours credit**

Surveys the visual world of influential cultures and societies through history. Applies styles and aesthetics to interpreting period theatre scripts. **Design and Production Track Prerequisite:** THEA 210. **Four hours.**

424. PLAYWRITING**4 hours credit**

Study of the theory and practice of playwriting. Topics include exposition, language, structure and character. Plays to be written and produced in staged readings of workshops. **Prerequisites:** Junior standing or permission of instructor. **Three hours per week with enhancement.**

430. ACCENTS AND DIALECTS**4 hours credit**

Study of voice production and articulation with emphasis on accents and regional dialects focuses on the skills of performance and voice in characterization. **Performance Track Prerequisite:** THEA 250. **Three hours per week with enhancement.**

435. ACTING FOR THE CAMERA**4 hours credit**

Examines the formalistic elements of television and film through collaborative projects with students of directing. Emphasis is placed on detailed communication of character, intentions and conflict. May not take CMAT 435 and THEA 435 simultaneously. **Performance Track Prerequisite:** THEA 350. **Four hours per week.**

450. ACTING SHAKESPEARE**4 hours credit**

Advanced scene study acting focusing on the challenges specific to blank verse. Guided exercises explore and refine technical skills. **Performance Track Prerequisites:** THEA 250, 301. **Three hours per week with enhancement.**

451. ACTING COMEDY**4 hours credit**

Principle elements of comedy, comic-dramatic literature and comic performance explored through improvisation and a wide range of styles. Intensive workshop/scene study setting. **Performance Track Prerequisites:** THEA 250, 300. **Three hours per week with enhancement.**

456. TECHNIQUES OF CHILDREN'S THEATRE**4 hours credit**

Assists the elementary school teacher in developing the imagination of children through the medium of theatre. Emphasis on staging children's theatre within the framework

of the public school. **Three hours per week with enhancement. Meets General Education IIIA or IIIC.**

490. SEMINAR IN THEATRE

1-4 hours credit

Intensive study of a selected topic in theatre. May be taken twice under different subtitles for a maximum of eight credits. **Prerequisite:** Junior standing. **One-and-a-half to six hours per week.**

492. INDEPENDENT STUDY

4 hours credit

Directed study of a theatre or theatre-related topic. May be taken twice under different subtitles for a total of eight hours; only four hours may count toward upper-level degree requirements. **Prerequisites:** Junior standing, 3.0 major GPA, proposal and permission of instructor and department chair during program planning. **Four hours per week.**

495. INTERNSHIP IN THEATRE

4 hours credit

Supervised experience applies acquired knowledge and skills in a professional theatre setting. May be taken twice under different subtitles for a total of eight hours; only four hours may count toward upper-level degree requirements. **Prerequisites:** Core completed; junior standing and 3.0 major GPA; proposal and permission of supervisor and department chair during program planning. **Three hours per week with enhancement.**

499. CAPSTONE SEMINAR

1 hour credit

Summarizes the University theatre experience through the active planning and execution of professional materials, including audition monologue and portfolio, leading to a senior showing with exit interview. **Prerequisites:** Senior standing, theatre majors only. **Two hours per week.**

URBAN AND REGIONAL PLANNING (URPL)

308. PRINCIPLES OF PLANNING

3 hours credit

Analysis of the theory and practice of planning at various spatial levels (local, regional, state and federal). Emphasis on planning processes, responsibilities of professional planners, and detailed examination of contemporary issues like control of sprawl and coastal zone management. May not receive credit for both URPL 308 and GEOG 308. **Prerequisite:** Sophomore standing. **Three hours per week.**

328. APPLIED PLANNING

3 hours credit

Application of planning principles and theories to real world land-use issues. Particular attention is paid to the subdivision plat review process, zoning ordinances, and the role of citizens and local government in planning. Several actual planning case studies are examined. May not receive credit for both URPL 328 and GEOG 328. **Prerequisite:** URPL 308 or GEOG 308. **Three hours per week.**

363. CITIES OF THE MIDDLE EAST

3 hours credit

Discussion of cities of the Middle East through explaining city evolutions, contemporary structures and models. Explanations of how urban planning addresses city problems and responds to current challenges. May not receive credit for both URPL 363 and GEOG 363. **Prerequisite:** GEOG 100, 101, 102 or consent of instructor. **Three hours per week.**

402. ENVIRONMENTAL PLANNING

3 hours credit

Translation of responsible environmental policies and principles into practical land-use regulations and local and regional planning tools. Emphasis on the landscape and land-use dimensions of environmental planning. May not receive credit for both URPL 402 and GEOG 402. **Prerequisite:** URPL 308 or GEOG 308 or BIOL 310. **Three hours per week.**

408. SEMINAR IN URBAN THEORY

3 hours credit

An interdisciplinary course examining critical and descriptive theories to explain city development. Discussions of city evolutions, planning visions, and cultural, political, economic and global factors shaping cities. May not receive credit for both URPL 408 and GEOG 408. **Prerequisite:** GEOG 100, 101, 102 or consent of instructor. **Three hours per week.**

416. SMART GROWTH

3 hours credit

Explanations of smart growth programs addressing urban challenges such as sprawl, lack of open space and central city decline. Introduction of early efforts to manage urban growth and growth management programs at the state and local levels. May not receive credit for both URPL 416 and GEOG 416. **Prerequisite:** URPL 308 or GEOG 308 or permission of instructor. **Three hours per week.**

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Appendices

APPENDIX A

Students may locate the following policies in their respective publications by referring to the table of contents/index.

Policy that Appears in *Code of Maryland Regulations*:

Maryland Higher Education Commission Student Transfer Policy

Policies that Are Published and Distributed Electronically in Compliance with the Drug-Free Campus, Drug-Free Workplace Legislation:

(www.salisbury.edu/police/clery_compliance/substance_abuse.asp)
 Substance Abuse Policies and Sanctions for Students
 Substance Abuse Policies and Sanctions for Employees
 Alcohol Abuse Policy
 Drug Abuse Policy
 Drug-Free Workplace Policy

Policies that Appear in the *Faculty Handbook*:

(The *Faculty Handbook* is found at www.salisbury.edu/provost/handbook)
 Academic Advising (9-2)
 Academic Clemency (9-5)
 Academic Misconduct (6-3)
 Affirmative Action and Equal Opportunity (4-2)
 AIDS (4-8)
 Alleged Arbitrary and Capricious Grading (6-12)
 Classification of Undergraduate Students (9-7)
 Classroom and Related Responsibilities of Faculty (10-2)
 Combined Bachelor's/Master's Programs (8-8)
 Community Service (9-7)
 Confidentiality and Disclosure of Student Records (10-4)
 Continuing Education (9-5)
 Degree and Curricular Requirements (11-3)
 Eligibility to Register (9-3)
 Evaluation of Performance of Faculty (2-39)
 Examination and Portfolio Assessment (9-5)
 Misconduct/Scholarly Work (6-6)
 Religious Observances (10-4)
 Sexual Misconduct and Gender-Based Discrimination (4-4)
 Student Request for Waivers of Academic Policies (9-6)
 Summer and Special Sessions (9-4)
 Undergraduate Student Concurrent Inter-Institutional Registration (9-2)
 Use of Facilities for Public Meetings (12-7)
 Violence and Extremism (4-3)

Policies that Appear in the *Code of Conduct*

(The *Code of Conduct* is found at www.salisbury.edu/studentconduct/code.html)
 Academic Integrity
 Academic Policies and Procedures
 Alcohol and Other Drug Policy
 Campus Security
 Code of Conduct
 Drug and Alcohol
 Electronic Mail Services
 Equal Opportunity Policy
 Family Educational Rights and Privacy Act
 Grievance Policy
 Judicial System Policies and Procedures
 Living on Campus Policies and Guidelines
 Off-Campus Behavior
 Prohibiting Sexual Harassment

Reporting Sexual Offenses
 Threats of Violence
 Use of Facilities/Grounds for Meetings, Assemblies, Rallies, etc.

Policies that Appear in the *Residence Hall Information Booklet*:

(The booklet is found at www.salisbury.edu/housing.)

Early Arrivals
 Electrical Appliances
 Escort Policy
 Facility Policies
 Facility Repair Services
 Fire Information
 Fire, Security and Personal Safety
 General Facility Policies and Information
 Hall Design and Lifestyle
 Handicap Accommodations
 Housing/Residence Life Office Staff
 Housing/ Residence Life Philosophy
 Involvement and Activities
 Maintenance Concerns
 Meal Plans
 Message from Housing/Residence Life
 Personal Safety Tips
 Refrigerators
 Residence Hall Accommodations
 Resident Students' Rights and Responsibilities
 Residents' Policies and Information
 Room Check-In
 Room Check-Out
 Room Furnishings
 Room Inspections
 Security
 Smoking Policy
 Spring Check-Out
 Tack Strips
 Toilet Stoppages
 Use of Residence Halls by Guests
 Vacations
 Window and Door Displays

Policies that Appear in the *Residence Halls Contract*:

(The contract is found at www.salisbury.edu/housing.)

Access to Rooms
 Assignment Policies and Procedures
 Condition/Disability Influencing Assignment
 Conditions of Residency
 Contract Addendum for Chesapeake Hall and St. Martin Hall
 Contract Addendum for Dogwood Village
 Contract Termination by University
 Damage Assessment
 Duration of the Contract
 Effective Dates
 Eligibility for Residency
 First-Time Residents
 Housing Deposit Use and Refund
 Loss of Property
 Meal Plan Requirement
 Petition for Release from Contract for Spring Semester
 Provisions of Contract
 Rates and Refunds
 Refund Policy for Room Cost for Entire Semester
 Reservation Procedures for Returning Residents
 Residence Hall Philosophy
 Returning Student Housings Options
 Returning Students Seeking to Cancel Contract for Next Year
 Room Changes
 Room Reapplication Process
 Search of Rooms
 University Responsibility
 Wait-listed Students
 Winter Term and Summer Session Housing

Policies that Appear in the *Student-Athlete Handbook*:

Athlete Eligibility
 Athletics Equipment
 Class Attendance
 Code of Conduct
 Dress Code
 Drug and Alcohol Policy
 Drug Testing Policy
 Inclement Weather Policy
 Medical Procedures
 Social Media Recommendations
 Transfer Policy

Policies that Appear in the *University Catalog*:

Academic Clemency Policy
 Admission Procedures
 For High School Graduates
 For Early Admissions
 For Non-High School Graduates
 For International Students
 For Immigrant Students
 For Veterans
 For Transfer Students
 For Former SU Students
 Class Attendance
 Equal Opportunity Policy
 Family Educational Rights and Privacy Act
 Graduation Requirements
 Henson School Course Repeat Policy
 Non-Traditional Credit Policies
 Readmission
 Student Residency Classification for Admission, Tuition and Charge Differential Purposes
 Transfer of Credit from Other Institutions
 Transfer Policies
 Waivers of Academic Policies and Procedures
 Withdrawal from the University

Policies that Appear in the *University System of Maryland Policies*:

(These policies found at www.usmd.edu/regents/bylaws)

Academic Advising (111-2.50)
 Academic Calendar (111-5.00)
 Academic Clemency (111-1.30)
 Academic Transcripts and Financial Aid Records (111-6.00)
 Acts of Violence and Extremism (VI-1.10)
 Admissions (111-4.00)
 Affirmative Action and Equal Opportunity (VI-1.00)
 AIDS (VI-11.00)
 Classification of Undergraduate Students (111-6.40)
 Combined Bachelor's and Master's Programs (111-2.20)
 Community Service (V-6.00)
 Confidentiality and Disclosure of Student Records (111-6.30)
 Constitution of the University System Student Council (1-3.00)
 Continuing Education (111-2.00)
 Copyrights (IV-3.10)
 Credit for Competency-Based Education and Prior Learning (111-1.41)
 Curricular and Degree Requirements (111-7.00)
 Eligibility to Register (111-2.30)
 Emergency Conditions—Cancellation of Classes and Release of Employees (VI-12.00)
 Enrollment (111-4.10)
 Establishment of Institutional Traffic Regulations
 Faculty, Student and Institutional Rights and Responsibilities for Academic Integrity
 Misconduct in Scholarly Work
 Military Duty (Students)
 Payment of Tuition and Fees
 Reporting of Campus Crime Statistics
 Reports of Intercollegiate Athletics
 Research
 Review of Alleged Arbitrary and Capricious Grading
 Scheduling of Academic Assignments on Dates of Religious Observance
 Sexual Harassment—University System of Maryland Policy

Student Affairs
 Student Athletics
 Student Classification for Admission and Tuition Purposes
 Student Employment
 Student Financial Aid
 Student Housing
 Student Misconduct
 Student Publications
 Student Tuition, Fees and Charges
 Summer and Special Sessions
 Tuition Remission for Spouses and Dependent Children of Faculty and Staff
 Undergraduate Student Concurrent Inter-Institutional Registration
 University System Student Council Policy
 Use of Alcohol Beverages at University System Institutions and Facilities
 Waiver of Application Fees
 Waiver of Tuition and Granting of Other Privileges for Senior Citizens of the State of Maryland

All University System of Maryland policies and corresponding Salisbury University policies can be reviewed at www.salisbury.edu/prez/bor.policies.

APPENDIX B

Maryland Admissions Requirements

1. The Maryland Higher Education Commission set as a minimum admission standard for all full-time and part-time entering freshmen who have graduated from high school within five years of admission a high school average of C (2.0) or better. Each institution, however, is encouraged to adopt standards above the minimum level.
2. Each institution will develop predictive measures of probable academic success and identify any additional admissions criteria.
3. Students who have earned fewer than 24 credit hours and desire to transfer to state universities and colleges will be admitted under the conditions set down in accordance with the Maryland Student Transfer Policies, which require equal treatment of native and transfer students.
4. In order to attain junior status (60 credit hours), a student must have earned a grade point average of C (2.0) or better.
 - a. In order to ensure equal treatment of the native and transfer student, a transfer student who has earned 60 or more credits at prior institutions must have attained a C (2.0) cumulative average to be accepted at any state university/college.
5. Admission to some designated programs may require higher standards to be limited by the opportunities available to complete a clinical or other requirement of the major program
 - a. The institutional standards shall be approved by the Maryland Higher Education Commission and shall be reviewed by the commission on an annual basis.
 - b. Such standards shall be published in the institution's catalog.

Policy on Student Classification for Admission and Tuition Purposes

(Approved by the Board of Regents August 28, 1990; Amended July 10, 1998; Amended November 27, 2000; Amended April 11, 2003; Amended June 23, 2006; Amended February 15, 2008; Amended October 24, 2014; Amended April 10, 2015)

I. POLICY

A. Purpose

To extend the benefits of its system of higher education while encouraging the economical use of the State's resources,¹ it is the policy of the Board of Regents of the University System of Maryland (USM) to recognize the tuition categories of in-state and out-of-state students for the purpose of admission and assessing tuition at USM institutions.

B. Burden of Proof

The person seeking in-state status shall have the burden of proving by clear and convincing evidence that he or she satisfies the requirements and standards set forth in this Policy. Assignment of in-state or out-of-state status will be made by the applicable USM institution upon a review of the totality of facts known or presented to it.

C. In-state Status

To qualify for in-state tuition, a student must demonstrate that, for at least 12 consecutive months immediately prior to and including the last date available to register for courses in the semester/term for which the student seeks in-state tuition status, the student had the continuous intent to:

1. Make Maryland his or her permanent home; and
2. Abandon his or her former home state; and
3. Reside in Maryland indefinitely; and

4. Reside in Maryland primarily for a purpose other than that of attending an educational institution in Maryland.

Satisfying all of the requirements in Section II (and Section III, when applicable) of this policy demonstrates continuous intent and qualifies a student for in-state tuition. Students not entitled to in-state status under this policy shall be assigned out-of-state status for admission and tuition purposes.

D. Presumption

Either of the following circumstances raises a presumption that the student is residing in the State of Maryland primarily for the purpose of attending an educational institution and therefore, does not qualify for in-state status under this policy:

1. A student is attending school or living outside Maryland at the time of application for admission to a USM institution, or
2. A student is Financially Dependent on a person who is not a resident of Maryland.

This presumption may be rebutted. The student bears the burden of rebutting the presumption. See "III. Rebuttal Evidence" below.

II. REQUIREMENTS

Before a request for classification to in-state status will be considered, a student must comply with all of the following requirements for a period of at least 12 consecutive months immediately prior to and including the last date available to register for courses in the semester/term for which the student seeks in-state tuition status. The student must demonstrate he or she:

- A. Owns or possesses, and has continuously occupied, including during weekends, breaks and vacations, living quarters in Maryland. The student must provide evidence of a genuine deed or lease and documentation of rent payments made. In lieu of a deed or lease, a notarized affidavit from a landlord showing the address, name of the student as occupant, term of residence, and history of rent payments made will be considered. As an alternative, a student may demonstrate that he or she shares living quarters in Maryland which are owned or rented and occupied by a parent, legal guardian or spouse.
- B. Has substantially all of his or her personal property, such as household effects, furniture and pets in Maryland.
- C. Has paid Maryland income tax on all taxable income including all taxable income earned outside the State and has filed a Maryland tax return.
- D. Has registered all owned or leased motor vehicles in Maryland.
- E. Possesses a valid Maryland driver's license, if licensed.
- F. Is registered to vote in Maryland, if registered to vote.
- G. Receives no public assistance from a state other than the State of Maryland or from a city, county or municipal agency other than one in Maryland.
- H. Has a legal ability under federal and Maryland law to live permanently without interruption in Maryland.
- I. Has rebutted the presumption that he or she is in Maryland primarily to attend an educational institution, if the student's circumstances have raised the presumption.

III. REBUTTAL EVIDENCE

Satisfying the requirements listed in paragraphs A through I of Section II, does not rebut the presumption that a student is in Maryland primarily to attend an educational institution. To overcome the presumption, a student must present additional evidence.

To determine a student's intent, the University will evaluate evidence of a student's objectively verifiable conduct. Evidence that does not document a period of at least 12 consecutive months immediately prior to and including the last date available to register for courses in the semester/term for which the student seeks in-state tuition status is generally considered an unfavorable factor under this policy. Evidence of intent must be clear and convincing and will be evaluated not only by the amount presented but also based upon the reliability, authenticity, credibility and relevance of the evidence.

The absence of objective, relevant evidence is generally considered an unfavorable factor. A student's statement of intent to remain in Maryland in the future is generally not considered to be objective evidence under this policy.

Additional evidence that will be considered includes, but is not limited to, the following:

A. Source of financial support:

1. Maryland employment and earnings history through sources beyond those incident to enrollment as a student in an educational institution e.g., beyond support provided by work study, scholarships, grants, stipends, aid, student loans, etc. (Tuition costs will be considered as a student expense only to the extent tuition exceeds the amount of any educational scholarships, grants, student loans, etc.), or
2. Evidence the student is Financially Dependent upon a person who is a resident of Maryland.

B. Substantial participation as a member of a professional, social, community, civic, political, athletic or religious organization in Maryland, including professionally related school activities that demonstrate a commitment to the student's community or to the State of Maryland.

C. Registration as a Maryland resident with the Selective Service, if male.

D. Evidence showing the student uses his or her Maryland address as his or her sole address of record for all purposes including on health and auto insurance records, bank accounts, tax records, loan and scholarship records, school records, military records, leases, etc.

E. An affidavit from a person unrelated to the student that provides objective, relevant evidence of a student's conduct demonstrating the student's intent to live permanently in Maryland.

IV. NON-RESIDENTS WHO MAY TEMPORARILY QUALIFY FOR IN-STATE STATUS

In addition, persons with the following status shall be accorded the benefits of in-state status for the period in which they hold such status:

- A. A full-time or part-time (at least 50 percent time) regular employee of USM or a USM institution.
- B. The spouse or Financially Dependent child of a full-time or part-time (at least 50 percent time) regular employee of USM or a USM institution.
- C. An active duty member of the Armed Forces of the United States who is stationed in Maryland, resides in Maryland, or is domiciled in Maryland, or the spouse or a Financially Dependent child of such an active duty member. Spouses and children who qualify for exemptions under this provision will retain in-state status for tuition purposes as long as they are continuously enrolled, regardless of whether the active duty member's station assignment, residence or domicile remains in Maryland.
- D. A veteran of the Armed Forces of the United States who provides documentation that he or she was honorably discharged and currently resides or is domiciled in Maryland.
- E. A veteran who lives in Maryland and was discharged from a period of at least 90 days of service in the active military, navy, or air service less than three years before the date of the veteran's enrollment and is pursuing a course of education with educational assistance under 38 U.S.C. §3001 or 38 U.S.C. §3301.
- F. The spouse or child of a veteran provided that:
 - (1) the veteran was discharged or released from a period of at least 90 days of service in the active military, navy, or air service less than three years before the date of the spouse or child's enrollment (or in the case of a spouse or child seeking benefits under the Post-9/11 G.I. Bill, the veteran died in the line of duty on or after September 11, 2001 but less than three years before the date of enrollment);

- (2) the spouse or child is entitled to assistance under Post-9/11 G.I. Bill, , 38 U.S.C. §3319 and, 38 U.S.C. §3311(B)(9);
- (3) the spouse or child currently lives in Maryland; and
- (4) the spouse or child is pursuing a course of education with educational assistance under 38 U.S.C. §3001 or 38 U.S.C. §3301.5

G. A member of the Maryland National Guard, as defined in the Public Safety Article of the Maryland Annotated Code, who joined or subsequently serves in the Maryland National Guard to: (i) provide a critical military occupational skill; or (ii) be a member of the Air Force Critical Specialty Code as determined by the National Guard.

H. For UMUC, a full-time active member of the Armed Forces of the United States on active duty, or the spouse of a member of the Armed Forces of the United States on active duty.

I. A graduate assistant appointed through a USM institution for the semester/term of the appointment. Except through prior arrangement, this benefit is available only for enrollment at the institution awarding the assistantship.

V. PROCEDURES

A. All Maryland residents and/or students who meet one of the exceptions to the policy, must submit an in-state tuition form to the Tuition Residency Office at the time of Admission to Salisbury University. An initial determination of in-state status will be made by the Tuition Residency Office. The determination made at that time, and any determination made thereafter, shall prevail for each semester/term until the determination is successfully challenged in a timely manner.

B. A change in status must be requested by submitting a USM institution's "Petition for Change in Classification for Tuition." A student applying for a change to in-state status must furnish all evidence that the student wishes the USM institution to consider at the time the petition is due. The due date is based on the deadline set forth by the USM institution at which the student seeks to enroll. If the applicable USM institution has no such deadline, the due date is the last published date to register for the forthcoming semester/term for which the change in classification is sought.

C. The student shall notify the USM institution in writing within 15 days of any change in circumstances which may alter in-state status.

D. In the event incomplete, false, or misleading information is presented, the USM institution may, at its discretion, revoke in-state status and take disciplinary action provided for by the institution's policy. Such action may include suspension or expulsion. If in-state status is gained due to false or misleading information, the institution reserves the right to retroactively assess all out-of-state charges for each semester/term affected.

E. Each USM institution shall develop and publish additional procedures to implement this Policy. Procedures shall provide that on request the institution President or designee has the authority to waive any requirement set forth in Section II if it is determined that the application of the requirements creates an unjust result. These procedures shall be filed with the Office of the Chancellor.

VI. DEFINITIONS

- A. Financially Dependent: For the purposes of this policy, a financially dependent student is one who is claimed as a dependent for tax purposes.
- B. Parent: A parent may be a natural parent, or, if established by a court order recognized under the law of the State of Maryland, an adoptive parent.
- C. Guardian: A guardian is a person so appointed by a court order recognized under the law of the State of Maryland.

- D. Spouse: A spouse is a partner in a legally contracted marriage.
- E. Child: A child is a natural child or a child legally adopted pursuant to a court order recognized under the law of Maryland.
- F. Regular Employee: A regular employee is a person employed by USM or a USM institution who is assigned to a State budget line or who is otherwise eligible to enroll in a State retirement system. Examples of categories NOT considered regular employees are graduate students, contingent employees, and independent contractors.
- G. Continuous Enrollment:
1. Undergraduate Student - An undergraduate student who is enrolled at a USM institution for consecutive fall and spring semesters, until completion of the student's current degree program or unless on an approved leave of absence or participating in an approved program off-campus.
 2. Graduate and Professional - Continuous enrollment for a graduate or professional student is defined by the institution in accordance with program requirement.

VII. IMPLEMENTATION

This policy as amended by the Board of Regents on April 10, 2015, shall be applied to all student tuition classification decisions EFFECTIVE JULY 1, 2015 AND THEREAFTER.

¹ Annotated Code of Maryland, Education Article, §12-101.

APPENDIX C

General Education: Student Learning Principles and Goals

PURPOSE

The General Education program at Salisbury University promotes intellectual development and the search for truth, cultivates an appreciation for learning, and provides opportunities for students to construct a coherent framework for lifelong learning in a diverse and ever changing world.

PROGRAM PRINCIPLES

The General Education Program advances the University's mission to empower our students with the knowledge, skills and core values that contribute to active citizenship, gainful employment and life-long learning in a democratic society and interdependent world by:

- providing a coherent integrated curriculum that speaks largely to the student learning goals. Coherence is the inter-connect-edness of the curriculum within courses, across disciplines and throughout the undergraduate experience.
- encouraging the developmental progression of student knowl-edge, skills and dispositions throughout the undergraduate experience.
- providing a broad range of learning opportunities in courses, in co-curricular activities and in settings outside the University.
- fostering an academic community that is guided by the University's core values of excellence, student centeredness, learning, civic engagement and diversity through student-to-student, faculty-to-student and faculty-to-faculty collaborative opportunities. Collaboration may occur in linked courses, inter-disciplinary courses, undergraduate research, learning commu-nities, community projects and other venues.
- incorporating ongoing and comprehensive review of the General Education curriculum and assessment of student progress toward learning goals. This review and assessment will be used for the continued improvement of General Education to achieve institutional goals and vision.

STUDENT LEARNING GOALS

The principles and goals, which follow, represent the concepts embedded in the Mission Statement and the Attributes Document accepted by the faculty. These principles and goals will help guide the development of the General Education program at Salisbury University.

Learning Principles

The General Education program is designed to foster the personal, intellectual and social development of the Salisbury University student and is based on the following set of principles. The liberally educated person:

- communicates effectively in diverse situations,
- uses multiple strategies, resources and technologies for inquiry and problem solving,

- demonstrates qualities related to personal, social and profes-sional integrity,
- integrates knowledge from the humanities, social sciences and natural sciences to broaden perspectives,
- reasons quantitatively and qualitatively,
- demonstrates global awareness in order to function responsi-bly in an interdependent world.

These principles are expressed by the following set of stu-dent learning goals.

Student Learning Goals

Skills: Acquire the personal and intellectual skills neces-sary for productive membership in contemporary society.

- 1) Critical Thinking - Acquire abilities to engage in independent and creative thinking and solve problems effectively.
- 2) Command of Language - Acquire abilities to communicate effectively—including reading, writing, listening and speaking.
- 3) Quantitative Literacy - Acquire abilities to reason mathematically.
- 4) Information Literacy - Acquire abilities to use libraries, com-puter applications and emerging technologies.
- 5) Interpersonal Communication - Acquire abilities to relate to and work effectively with diverse groups of people.

Knowledge: Possess knowledge and understanding com-mensurate with that of a well educated person.

- 1) Breadth of Knowledge - Possess knowledge from and famil-iarly with modes of inquiry and creative processes used in a variety of disciplines including:
 - a) Visual and performing arts (art, music, dance, theater)
 - b) Literature (English, foreign language-based)
 - c) Civilization: cultural and historical perspectives
 - d) Contemporary global issues (peoples, cultures, institutions)
 - e) Second language or culture
 - f) Mathematics
 - g) Social and behavioral sciences
 - h) Biological and Physical Sciences
- 2) Interdependence among Disciplines - Possess an awareness of the interdependence among disciplines in the humanities, social sciences and natural sciences.

Dispositions: Examine qualities that contribute to person-al well-being and social and professional integrity.

- 1) Social responsibility - Tolerance and respect for diverse groups of people and a disposition toward responsible citizen-ship and a connection to the community.
- 2) Humane values - An informed regard for humane values and the ability to make judgments based on ethical and environ-mental considerations.
- 3) Intellectual Curiosity - A propensity for reflection and life-long learning.
- 4) Aesthetic Values - An awareness of and appreciation for aesthetics.
- 5) Wellness - Issues of personal well-being.

APPENDIX D

Fulton School Curriculum Reform: Course Enhancement Menu

The Fulton School Course Enhancement Menu identifies enhancements for four-credit courses which meet three-credit class time guidelines. The intent of the four-credit courses is to increase SU's academic standards and adjust them upward by adding one or more of the following enhancements to the current three-credit courses. Starting fall 2008, most courses in the Fulton School of Liberal Arts are offered for four credits. Most will meet three hours each week with a one-credit enhancement. The following enhancement menu specifies the seven types of course enhancements.

One-credit Course Enhancements

► Increased course content and/or collateral readings

Example: more primary, secondary and/or supplemental readings

► Undergraduate Research and Information Literacy

Example: assignments that fulfill department programmatic approaches to undergraduate research and information literacy, systematically building students' research and writing skills throughout their majors

► Technology

Example: instructor-developed content, commercially developed course packs, digital audio (podcasting), video demonstrations, chat rooms, course blogs, individual WebCT tutoring, teleconferences with students at other campuses or international groups, field research, student-authored independent research

► Higher Level Critical Thinking Exercises

Example: assignments that specifically develop analysis, synthesis and evaluation, as opposed to lower-level critical thinking exercises that target knowledge, comprehension and application

► Service Learning/Civic Engagement

Example: assignments which place students in leadership positions to conceive of and implement programs that they know will benefit others; assignments which involve students in developing good civic dispositions, as suggested in the 2006 Middle States Report

► International Education/Cultural Enrichment

Example: spring break study/experience abroad, museum visits, cultural experiences within the geographical area

► Additional Hour(s) in Class, Lab or Studio

APPENDIX E

Fulton School 102-Level Foreign Language Requirement for Select Majors

FULFILLING THE REQUIREMENT

Students may fulfill the requirement via one of the following ways:

- Three or more years of study of one foreign language in high school; no college course work is needed to meet the requirement.
- A combination of high school and college study; the most common example being two years of high school foreign language study plus a 102-level course in the same language in college.
- College-only study of one foreign language by taking both 101- and 102-level courses in college.

For additional information, students may consult the chair of their major department.

Special Cases

► Heritage Speakers

Heritage speakers of a language other than English who do not present high school or pre-SU college study of the language, but propose to use that language to fulfill the requirement, may demonstrate proficiency through the 102 level via an appropriate placement examination administered or arranged by SU's Modern Languages and Intercultural Studies Department.

► International Students

Native speakers of a language other than English fulfill the foreign language requirement through their satisfactory performance on the TOEFL exam.

APPENDIX F

Henson School of Science and Technology Course Repeat Policy

This policy applies to all undergraduate courses offered in the Henson School of Science and Technology, effective academic year 2013-2014. (Note: other restrictions on course repeats may apply; check with specific academic programs for details).

- Students may repeat courses offered by the Henson School of Science and Technology one time at Salisbury University without special permission. These include courses with prefixes BIOL, CHEM, COSC, ENGR, ENVH, GEOG, GEOL, MATH, MDTC, NURS, SCIE, PHYS, RESP for which the student earned any grade (B, C, D, F, PS, I, W, WP, WF, NGR or Audit). Students should take note that grades of W, WF or WP earned by withdrawing from a class after the schedule adjustment period (typically the first week of the semester for Spring/Fall and the first three days for Summer/Winter) are considered grades and are subject to this policy. Exceptions are those courses that may be repeated for credit (e.g., BIOL 490, CHEM 499). Also, some majors may limit students to a single repeat of specific courses (see requirements for your major).
- Students who wish to repeat a course a second time (third enrollment) must seek approval from the Henson Dean's Office by completing a Motivation and Strategies for Success Plan (www.salisbury.edu/henson/advising). Completion of this process does not guarantee enrollment for a third time, as enrollment will depend upon a compelling plan for success and available seats in the course. Students will not be allowed to enroll in a course for a fourth time unless there are extremely extenuating circumstances.

- Please note that all grades appear on students' transcripts. For undergraduate courses, the grade from the most recent attempt at SU is used to calculate grade point averages, even if that grade is lower than the first time the student took the course. Students transferring credits from other institutions should be aware that these courses may complete degree requirements, but grades earned in these transferred courses will not be used in SU GPA calculations and do not replace any grade earned in the equivalent course at SU.

INDEX

Absence Notification.....	72
Academic Advising.....	58, 72
Academic Clemency Policy, Undergraduate.....	16, 72
Academic Degree Programs.....	65
Academic Dismissal.....	71
Academic Integrity.....	22, 70
Academic Honor Societies.....	55
Academic Probation.....	71
Academic Scholarships, Undergraduate.....	14
Academic Standards, Graduate.....	22
Academic Standing, Undergraduate.....	70
Accounting.....	77, 176, 177
Accreditations, SU.....	4
Actuarial Science.....	78, 153
Adding Courses.....	58
Address Change.....	23, 60
Address, University.....	3
Administration.....	364
Admission, Graduate.....	18
Admission, International, Undergraduate.....	14
Admission, International, Graduate.....	19
Admission Requirements (MHEC).....	392
Admission, Undergraduate.....	13
Advance Payments.....	27
Advanced Placement.....	17, 62
Advanced Technology for Enterprise Systems Certificate.....	186
Advising, Academic, Graduate.....	20
Advising, Academic, Undergraduate.....	58
African Area Studies.....	78
Alumni Association.....	9
America Reads/ America Counts.....	46
American Studies.....	78, 118
Anthropology.....	79, 119
Appeal and Grievance Process, Graduate.....	22
Appendices.....	390
Appendix A.....	390
Appendix B.....	392
Appendix C.....	395
Appendix D.....	396
Appendix E.....	396
Appendix F.....	397
Application Deadlines.....	14
Application, Diploma/ Graduation.....	23, 66
Application Fee, Undergraduate.....	13
Application Forms, Undergraduate.....	13
Application Requirements and Procedures, Undergraduate.....	13
Applied Biology, Graduate.....	161
Applied Health Physiology, Graduate.....	163

Army ROTC.....	46, 76
Art.....	79, 99, 104
Art History.....	79
Assistantships, Graduate.....	22, 29
Athletic Coaching.....	79
Athletic Training, Graduate.....	210
Athletics, Intercollegiate.....	48
Attendance, Undergraduate.....	72
Attendance, Graduate.....	21
Auditing Courses, Graduate.....	22
Auditing Courses, Undergraduate.....	25, 59
Auditing Courses, Undergraduate Non-degree.....	25
Bachelor's Degrees.....	65
BEACON.....	8
Bellavance Honors Program.....	220
Biology.....	79, 140, 144
Biology, Dual Degree.....	146
Board and Room.....	26
Board of Regents.....	363
Bookstore.....	46
Business Administration, Undergraduate.....	80
Business Administration, Graduate.....	184
Business and Professional Writing.....	80
Business, Economic and Community Outreach Network.....	8
Business Economics.....	177
Business School, Franklin P. Perdue.....	172
Calendar.....	3
Campus Recreation.....	46
Campus Visits.....	13
Career Services.....	72
Catalog Notice.....	3
Catalog Selection, Graduate.....	20
Catalog Selection, Undergraduate.....	66
Center for Conflict Resolution.....	8, 47
Center for Student Achievement.....	47, 73
Centers and Institutes.....	8
Certificates (Graduate).....	66
Challenge Exams, Undergraduate.....	62
Challenge Exams, Graduate.....	22
Change of Address.....	23, 60
Change of Major.....	59
Change of Name/Student Number.....	23, 60
Chemistry.....	80, 141, 146
Classification of Students.....	60, 392
Clemency, Undergraduate.....	72
CLEP.....	62
Clinical Biochemistry.....	81
Clinical Hematology.....	81
Clinical Microbiology.....	81

Club Sports.....	47
Collaborative Degree Programs.....	65, 66
Common Final Exam Policy.....	67
Communication Arts.....	81, 100, 106
Community Health.....	194
Comparative Literature.....	81
Computer Science.....	81, 149
Concurrent Enrollment.....	60
Conflict Analysis and Dispute Resolution.....	81, 100, 108, 132
Consulting Faculty.....	385
Contemporary Curriculum Theory and Instruction: Literacy Ed.D.....	216
Continuing Education.....	25
Continuing Education Units (CEU).....	25
Continuous Enrollment, Graduate.....	19
Convocation.....	57
Copy Center.....	47
Counseling Center, Student.....	47, 73
Course Load.....	60
Course Numbering System, Graduate.....	21
Courses, Taking at Another Institution.....	58
Courses (listed).....	223
Creative Arts.....	82
Creative Writing.....	109
Credit by Examination.....	62
Credit Hours.....	60
Credit, Pass/Fail.....	59
Credit, Graduate Transfer of.....	20
Credit, Undergraduate Transfer of.....	61
Curricula.....	64
Curriculum and Instruction (M.Ed.).....	206
Dance.....	82
Dean's List.....	52
Declaration of Major.....	59
Degree Programs (Graduate).....	65
Degree Programs (Undergraduate).....	65
Departmental Challenge Examinations.....	62
Deregistration.....	58
Designations.....	5
Dining Services.....	48
Diploma Application, Graduate.....	23, 66
Diploma Application, Undergraduate.....	13
Disability Support Services.....	74
Dismissal, Academic.....	71
Doctor of Education in Contemporary Curriculum Theory and Instruction: Literacy.....	216
Doctor of Nursing Practice (D.N.P.).....	168
Double Major.....	67
Drop/Add.....	58
Dual-Degree Programs.....	62
Biology and Environmental Science.....	146
Chemical Engineering.....	148
Engineering.....	160
Social Work/Sociology.....	203
Early Action.....	13
Early Admission.....	13
Early Childhood Education.....	194

Early Childhood/Elementary Double Major.....	196
Earth Science.....	82, 150
East Asian Studies.....	83
Eastern Shore Regional GIS Cooperative.....	9
Economics.....	83, 176, 178
Education, Graduate.....	204
Education and Professional Studies School Samuel W. and Marilyn C. Seidel.....	188
Education Specialties Department.....	190
Educational Leadership (M.Ed.).....	209
Edward H. Nabb Research Center for Delmarva History and Culture.....	9, 49
Elementary Education.....	198
Emeriti Faculty.....	387
Employment, On-Campus Student.....	49
Enhanced Curriculum.....	396
Engineering, Dual-Degree.....	146, 160
English as a Second Language Track (ESL).....	111
English Department.....	100
English, Graduate.....	132
English Language Institute.....	69
English Language Proficiency.....	15
English to Speakers of Other Languages (ESOL)/ K- ESOL Certification.....	83, 112
English, Undergraduate.....	83, 109
Enrollment, Continuous, Graduate.....	19
Enrollment Status, Graduate.....	19, 21
Enrollment Status, Undergraduate.....	60
Enterprise Information Systems.....	84
Environmental Studies.....	84, 101, 114
Equal Opportunity Policy.....	3
Ethnic and Global Literatures.....	84
Ethnic and Intercultural Studies.....	85, 120
European Studies.....	86
Exchange Visitor (J-1) Program.....	68
Exercise Science.....	199
Expenses.....	26
Facilities, University.....	10
Faculty.....	367
Family Educational Rights and Privacy Act.....	3
Family Weekend.....	57
Fees, Graduate.....	23
Fees, Undergraduate.....	26
Film.....	87, 110
Finance.....	87, 176, 178
Financial Aid.....	29
Application Procedures.....	30
Audit Policy.....	32
Disbursement.....	30
Eligibility.....	29
Federal Grants and Loans.....	32
Graduate.....	29
Graduate Assistantships.....	29
Graduate Scholarship.....	44
Maryland Scholarship Programs.....	33
Return of Title IV Funds Policy.....	30
Repeat Grade Policy.....	32
Satisfactory Progress Policy.....	30

Time Frame, Maximum	31
Undergraduate Scholarships	33
Fine Arts Degree (B.F.A.)	105
Foreign Language Requirement - Fulton School	396
French	87, 115
Freshman Admission Options	13
Fulton, Charles R. and Martha N. School of Liberal Arts	96
Art	99, 104
Communication Arts	100, 106
Conflict Analysis and Dispute Resolution	100, 108
English	100, 109
ESOL (English to Speakers of Other Languages) / K- Certification	112
Environmental Studies	101, 114
French	115
History	101, 116
Interdisciplinary Studies	118
International Studies	121
Master of Arts in Conflict Analysis and Dispute Resolution	132
Master of Arts in English	132
Master of Arts in History	135
Modern Languages and Intercultural Studies	102
Music	124
Music, Theatre and Dance	102
Philosophy	103, 127
Political Science	103, 128
Post-Baccalaureate Certificate in TESOL (Teaching English to Speakers of Other Languages)	134
Psychology	103, 128
Sociology	103, 129
Spanish	130
Theatre	131
Fulton School Curriculum Reform	99, 396
Fulton School Foreign Language Requirement	396
Gender and Sexuality Studies	87, 120
General Education Requirements	64
General Education Principles and Goals	395
General Studies	73
Geographic Information Science	88
Geographic Information Systems Management, Graduate	164
Geography	88, 115, 151
Geography and Geosciences	141
German	88
Gerontology	88
Ghost Policy	58
Grade Point System, Undergraduate	61
Grading System, Graduate	21
Grading System, Undergraduate	60
Graduate Admission	18
Graduate Assistantships	22, 29
Graduate Certificates	66
Graduate Council	24
Graduate Credit During Senior Year	59
Graduate Degrees	65
Graduate Financial Aid	22, 29

Graduate Non-degree Students	19, 25
Graduate Programs (listed)	65
Graduate Record Exam and Graduate Management Admissions Test	73
Graduate Student Council	24
Graduate Student Information	18
Graduate Study Mission Statement	18
Graduation Application	23, 66
Graduation with Honors	66
Graduation Requirements, Undergraduate	66
Grievance Policy, Graduate	22
Guerrieri Academic Commons	48
Guerrieri University Center	48
Gull Card	26
Health	88
Health and Sport Sciences Department	191
Health Care Management Certificate	171
Health Professions Advisory Program	75
Health Sciences	141
Health Services, Student	50
Henson, Richard A. School of Science and Technology	138
Applied Biology (M.S.)	161
Applied Health Physiology (M.S.)	163
Biological Sciences	140
Biology	144
Chemistry	141, 146
Computer Science	149
Earth Science	150
Family Nurse Practitioner Certificate	171
Geographic Information Systems Management (M.S.)	164
Geography	151
Geography and Geosciences	141
Health Care Management Certificate	170
Health Sciences	141
Mathematics	152
Mathematics and Computer Science	143
Mathematics Education (M.S.)	165
Medical Laboratory Science	155
Nursing	143, 156
Nursing (M.S.)	166
Nursing (D.N.P.)	168
Physics	144, 159
Respiratory Therapy	160
Henson Medical Simulation Center	9
Henson School Course Repeat Policy ..59, 74, 140, 397	
History, Department	101
History, Graduate	135
History, Undergraduate	88, 116
History, University	7
Honors and Recognitions, Undergraduate	52
Honors, Graduation with	66
Honors College	218
Honor Societies	55
Housing and Residence Life	48
Identification Cards (Gull Card)	26
Incomplete Grade	60

Information and Decision Sciences	176
Information Systems	89, 180
Information Technology	48
Institute for Public Affairs and Civic Engagement (PACE)	9, 49
Institutes, Centers and	8
Intercollegiate Athletics	48
Interdisciplinary Studies	118
Inter-Institutional Concurrent Enrollment	62
Inter-Institutional Registration, Graduate	20
Inter-Institutional Registration, Undergraduate	58
International Admission, Graduate	19
International Admission, Undergraduate	14
International Baccalaureate (IB) Exam	17, 63
International Business	181
International Education	68
International Student and Scholar Services	73
International Studies	89, 121
Intramural Sports	47
J-1 Exchange Visitor Program	68
Journalism/Public Relations	107
Late Registration	59
Latin American Studies	89
Leadership Center	50
Legal Studies	176
Liberal Arts School Charles R. and Martha N. Fulton	96
Licensure - Secondary Teaching	201
Library	48
Loans	33
Location, University	8
Major, Change/Declare	59
Majors, Graduate (listed)	65
Doctor of Education in Contemporary Curriculum Theory and Instruction: Literacy	216
Doctor of Nursing Practice	168
Master of Arts in Conflict Analysis and Dispute Resolution	132
Master of Arts in English	132
Master of Arts in History	135
Master of Arts in Teaching	204
Master of Business Administration	164
Master of Education Curriculum and Instruction	206
Master of Education in Educational Leadership	209
Master of Education Reading Specialist	208
Master of Science in Applied Biology	161
Master of Science in Applied Health Physiology	163
Master of Science in Athletic Training	210
Master of Science in Geographic Information Systems Management	164
Master of Science in Mathematics Education ..165, 211	
Master of Science in Nursing	166
Master of Social Work	213
Post-Baccalaureate Certificate in Advanced Technology for Enterprise Systems	186
Post-Baccalaureate Certificate in Health Care Management	171

Post-Baccalaureate Certificate in TESOL (Teaching English to Speakers of Other Languages)	134
Post-Doctorate of Nursing Practice Certificate of Completion: Family Nurse Practitioner	171
Majors, Undergraduate (listed)	65
Accounting	177
Art	104
Biology	144
Business Economics	177
Chemistry	146
Communication Arts	106
Community Health	194
Computer Science	149
Conflict Analysis and Dispute Resolution	108
Earth Science	150
Economics	178
Education - Early Childhood	194
Education - Early Childhood/ Elementary Double Major	196
Education - Elementary	198
Education - Secondary Teaching Licensure	201
English	109
ESOL (English to Speakers of Other Languages) / K- Certification	112
Environmental Studies	114
Exercise Science	199
Finance	178
French	115
Geography	151
History	116
Information Systems	180
Interdisciplinary Studies	118
International Business	181
International Studies	121
Management	181
Marketing	182
Mathematics	152
Medical Laboratory Science	155
Music	124
Nursing	156
Philosophy	127
Physical Education	200
Physics	159
Political Science	128
Psychology	128
Respiratory Therapy	160
Social Work	202
Sociology	129
Spanish	130
Theatre	131
Management	176, 182
Map, University	6
Marketing	176, 183
Marketing Management	90
Maryland State Scholarship Program	33
Master's Degrees	65
Mathematics	90, 152
Mathematics and Computer Science Department	143

Mathematics Education (M.S)	165, 211
Medical Laboratory Science	155
Memberships	5
Middle School Science Education	90
Military Credit	63
Military Science	76
Minors, Undergraduate (listed)	77
Accounting	77
Actuarial Science	78
African Area Studies	78
American Studies	78
Anthropology	79
Art	79
Art History	79
Athletic Coaching	79
Biology	79
Business Administration	80
Business and Professional Writing	80
Chemistry	80
Clinical Biochemistry	81
Clinical Hematology	81
Clinical Microbiology	81
Communication Arts	81
Comparative Literature	81
Computer Science	81
Conflict Analysis and Dispute Resolution	81
Creative Arts	82
Dance	82
Earth Science	82
East Asian Studies	83
Economics	83
English	83
English to Speakers of Other Languages (ESOL)	83
Enterprise Information Systems	84
Environmental Studies	84
Ethnic and Global Literatures	84
Ethnic and Intercultural Studies	85
European Studies	86
Exercise Science	86
Film	87
Finance	87
French	87
Gender and Sexuality Studies	87
Geographic Information Science	88
Geography	88
German	88
Gerontology	88
Health	88
History	88
Information Systems	89
International Studies	89
Latin American Studies	89
Marketing Management	90
Mathematics	90
Middle School Science Education	90
Music	90
Outdoor Education Leadership	91
Philosophy	91

Physics	91
Political Science	91
Professional Sales	91
Psychology	92
Religious Studies	92
Social Justice Studies	92
Social Studies	93
Sociology	93
South Asian Studies	93
Spanish	94
Statistics	94
Theatre	94
Transfusion Services/Blood Bank	94
Urban and Regional Planning	95
Minor Programs	67, 77
Mission Statement, University	7
Mission Statement, Graduate	18
Modern Languages and Intercultural Studies	102
Testing Policy	63
Multicultural Student Services	73
Music	90, 124
Music, Theatre and Dance Department	102
Nabb Research Center for Delmarva History and Culture	9, 49
Nationally Competitive Fellowships Office	49
New Student Experience, Undergraduate	57
New Student Reader	57
Non-Degree Enrollment, Graduate	19, 25
Non-Degree Students, Undergraduate	25
Non-Traditional Credit	62
Advanced Placement	62
CLEP	62
Department Challenge	62
International Baccalaureate (IB)	63
Military Credit	63
Modern Languages Testing Policy	63
Nursing, Department	143
Nursing, Graduate	166
Nursing, Undergraduate	156
On-Campus Student Employment	49
Orientation 101	57
Orientation 102	57
Organization, University	8
Outdoor Education Leadership	91
PACE (Institute for Public Affairs and Civic Engagement)	9, 49
Pass/Fail Credit Option	59
Payments and Adjustments	27
Pell Grant	32
Perdue, Franklin P. School of Business	172
Accounting	177
Accounting and Legal Studies Department	176
Business Economics	177
Economics and Finance Department	176
Economics	178
Finance	178
Information and Decision Sciences Department	176
Information Systems	180

International Business	180
Lower-Division Pre-professional Program	175
Management	182
Management and Marketing Department	176
Marketing	183
Master of Business Administration	185
Post-Baccalaureate Certificate in Advanced Technology for Enterprise Systems	186
Upper-Division Professional Program	175
Philosophy	91, 103, 127
Physical Education	200
Physics	91, 144, 159
Placement Testing	17, 62
Plagiarism	70
Police, University	50
Policies	390
Political Science	91, 103, 128
Post-Baccalaureate Certificate in Health Care Management	171
Post-Baccalaureate Certificate in TESOL (Teaching English to Speakers of Other Languages)	134
Post-Doctorate of Nursing Practice Certificate of Completion: Family Nurse Practitioner	171
Post Office	49
Powerful Connections	74
Pre-Professional Programs	75
Health Professions Advisory Program	75, 148
Pre-Law	75
Probation, Academic	71
Professional Certification	23
Professional Sales	191
Psychology	92, 103, 128
Publications	49
Public Relations	49
Reading Specialist (M.Ed.)	206
Readmission, Graduate	19
Readmission, Undergraduate	16, 62, 71
Records, Student	60
Refund Eligibility	28
Refund Policies, Undergraduate	28
Refund Policies, Graduate	23
Regents, Board of	363
Registrar's Office	58
Registration and Student Records, Undergraduate	58
Academic Advisors	58
Address Change	60
Advanced Placement (AP)	62
Auditing Courses	59
Challenge Exams	62
Classification, Students	60
CLEP	62
Concurrent Enrollment	60
Credit Hours/Course Load	60
Deregistration	58
Drop/Add	58
Full-Time/Part-Time	60
Ghost Policy	58

Grade Point System	61
Grading System	60
Graduate Credit	59
Henson School Course Repeat Policy	59
Inter-Institutional Registration Program	58, 62
International Baccalaureate (IB) Examinations	63
Late Registration	59
Major, Declaration/Change	59
Military Credit	63
Modern Languages Testing Policy	63
Name/Student Number Change	60
Non-Traditional Credit Policies	62
Pass/Fail Credit Options	59
Readmission	62
Records, Student	60
Registrar's Office	58
Repeating Courses	59
Schedule Adjustment Period	59
Transcripts	62
Transfer Policies	61
Withdrawal	62
Registration, Graduate	20
Registration, Undergraduate	58
Registration, Undergraduate Non-degree	60
Regular Admission	13
Religious Studies	92
Repeating Courses, Graduate	22
Repeating Courses, Undergraduate	59
Requirements for Graduation, Undergraduate	66
Research Center for Delmarva History and Culture	9, 49
Residency Determination	26, 392
Respiratory Therapy	160
Restricted Status	71
Return of Title IV Funds Policy	30
Returned Checks	27
Room and Board	26
ROTC, Army	46
Salisbury Abroad	68
Scarborough Student Leadership Center	50
Schedule Adjustment Period	59
Science and Technology School, Richard A. Henson	138
Scholarships, Graduate	44
Scholarships, Undergraduate	14, 33
Scholastic Standards, Undergraduate	70
Schools of	
Business	172
Education and Professional Studies	188
Liberal Arts	96
Science and Technology	138
Second Bachelor's Degree Programs	67
Secondary Education Programs in	
Biology	145
Chemistry	147
Earth Science	150
English	111
ESOL	112

French	115
History	116
Mathematics	154
Music	126
Physical Education	200
Physics	159
Spanish	130
Secondary Teaching Licensure	201
Seidel, Samuel W. and Marilyn C.	
School of Education and Professional Studies	188
Community Health	194
Doctor of Education in Contemporary Curriculum	
Theory and Instruction: Literacy	216
Early Childhood Education	194
Early Childhood/Elementary Education	
- Double Major	196
Education Specialties Department	190
Elementary Education	198
Exercise Science	199
Health and Sport Sciences Department	191
Master of Arts in Teaching	204
Master of Education Curriculum and Instruction	206
Master of Education Reading Specialist	208
Master of Education in Educational Leadership	209
Master of Science in Athletic Training	210
Master of Science in Mathematics Education	211
Master of Social Work	213
Physical Education	200
Secondary Teaching Licensure	201
Social Work	192, 202
Teacher Education Department	192
Small Business Development Center	9
Social Justice Studies	92
Social Security Number	14, 23
Social Studies	93
Social Work, Department	192
Social Work, Dual-Degree	203
Social Work, Undergraduate	202
Social Work, Graduate	213
Sociology	93, 103, 129
South Asian Studies	93
Spanish	94, 130
Sports, Intramural	47
Statistics	94, 154
Student Affairs, Office of the Vice President of	50
Student Activities, Organizations and Leadership	50
Student Classification	26
Student Counseling Center	47, 73
Student Employment, On-Campus	49
Student Health Services	50
Student Honors and Recognitions	52
Student Leadership Center, Scarborough	50
Student Life	46
America Reads/America Counts	46
Bookstore	46
Campus Recreation	46
Center for Conflict Resolution	47
Center for Student Achievement	47

Copy Center	47
Counseling Center	47
Dining Services	48
Employment	49
Guerrieri Academic Commons	48
Guerrieri University Center	48
Health Services	50
Housing and Residence Life	48
Information Technology	48
Intercollegiate Athletics	48
Nabb Center	49
Nationally Competitive Fellowships Office	49
PACE	49
Post Office	49
Publications	49
Public Relations	49
ROTC	46, 76
Scarborough Student Leadership Center	50
Students Activities, Organization and Leadership	50
Student Affairs	50
TRIO Achieve Student Support Services	50
University Police	50
Veteran Affairs	50
Volunteer Center	50
Web Development	51
Student Records	60
Student Rights and Responsibilities	46
Study Abroad	68
Support Services	72
Tax Relief Act of 1997	27
Teacher Education Department	192
Teacher Education Programs (MSDE)	65
Teacher Licensure	201
Teaching (M.A.)	204
Technology Fluency Policy	67
Telephone Number, University	3
Testing, Placement	17, 62
Test Optional Policy	13
Theatre	94, 131
Time Limit, Undergraduate	31
Time Limit, Graduate	21
Title IV Funds Return Policy	30
Title IX Statement	4
Transcripts, Undergraduate	62
Transcripts, Graduate	23
Transfer Credit, Graduate	20
Transfer Credit, Undergraduate	61
Transfer Admission, Undergraduate	15
Transfusion Services/Blood Bank	94
TRIO Achieve Student Support Services	50
Tuition and Fees, Graduate	23
Tutoring	74
Urban and Regional Planning	95
Undergraduate Admission	13
Undergraduate Degrees/Major	65
Undergraduate Minors	67, 77
Undergraduate Non-Degree Students	25
University Center, Guerrieri	48

University Curricula	64
University Expenses	26
University Facilities	10
University History	7
University Location	8
University Mission Statement	7
University Organization	8
University Police	50
University System of Maryland	5, 363
University Values	7
University Visits	13, 57
Unsatisfactory Academic Achievement	71
Upper Division Certificate	63
Values, University	7
Veterans Admission	15
Veterans Affairs	50
Visits, University	13, 57
Volunteer Center	50
Waivers	72
Web Development	50
Welcome Week	57
Work Experience	33
Work Study	32
Withdrawal from University, Undergraduate	62
Withdrawal from University, Graduate	23
Writing Across the Curriculum	67
Writing Center	74

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